

*Raffles*Diagnostica

Your Trusted Partner for Health



RAFFLES LABORATORY SERVICE CATALOGUE

2025 EDITION

1 STATEMENT

1.1 RAFFLES MEDICAL GROUP

Raffles Medical is a leading private healthcare provider in Singapore, established in 1976. Our dedicated team of experienced healthcare professionals including doctors, nurses, and specialists, is committed to delivering personalized and compassionate care to all patients.

Our laboratory is staffed by qualified and experienced medical technologists, pathologists, and administrative personnel, all focused on providing accurate and reliable test results. We leverage advanced technology and state-of-the-art equipment to offer a comprehensive range of diagnostic tests.

Our services span multiple specialties, including Haematology, Microbiology, Histopathology, Cytology, Biochemistry, Serology, Immunology, and Molecular Microbiology. The department works closely with referring clinicians to ensure accurate, timely, and reliable diagnostic support for patient care.

This test catalogue outlines the various medical tests and procedures available at Raffles Medical.

1.2 MISSION

Our mission is to enhance health and wellbeing by providing the best total healthcare.

1.3 VISION

Your Trusted Partner for Health.

1.4 CORE VALUES

Compassion

We put you and your wellbeing at the centre of all that we do. Treating all with respect, compassion and dignity.

Commitment

We will uphold your trust by maintaining the highest professional integrity and standards.

Excellence

We will continually seek advancement and innovation to achieve better health care.

Team-Based care

We dedicate and combine our skills, knowledge and experience for your benefit.

Value

We seek always to create and deliver value for you

2 LICENSE & ACCREDITATION

2.1 LICENSE

Our laboratory is licensed by the Ministry of Health, Singapore, under the Healthcare Services Act 2020 (Act 3 of 2020) and the accompanying Healthcare Services (Clinical Laboratory Service and Radiological Service) Regulations 2021.

2.2 ACCREDITATION

Raffles Diagnostica is accredited by the College of American Pathologists (CAP). We adhere strictly to CAP accreditation guidelines and operate in accordance with regulatory requirements set forth by the Ministry of Health, Singapore.

Our CAP accreditation enables us to provide a comprehensive range of laboratory tests, including:

- Blood Bank
- Biochemistry
- Haematology
- Immunology
- Serology
- Microbiology
- Molecular
- Cytology
- Histopathology

As part of our commitment to upholding high quality standards, our laboratory actively participates in the following quality assurance programs:

I. External Quality Assurance Schemes (EQAS):

- College of American Pathologists (CAP) Survey Program
- Royal College of Pathologists of Australasia (RCPA)
- RfB (Referenzinstitut für Bioanalytik, Germany)

II. National proficiency testing program which include the following:

- National QAP for ABO/RH testing
- National QAP for HIV testing
- National QAP for Malaria Parasite testing
- National QAP for AFB (smear) testing
- National QAP for HbA1c testing
- National QAP for HSA Quality Assurance Programme

III. Internal Quality Control (IQC) Program

IV. Interlaboratory comparison (ILC)

*Raffles*Diagnostica

Your Trusted Partner for Health



OUR SERVICES



3 SERVICES

3.1 SERVICE INFORMATION

Raffles Diagnostica Laboratory operates in accordance with the legislative mandates of the Ministry of Health, Singapore, and adheres to the accreditation guidelines set by the College of American Pathologists (CAP).

We provide a comprehensive range of laboratory tests, including:

- Blood Bank
- Biochemistry
- Haematology
- Immunology
- Serology
- Microbiology
- Molecular
- Cytology
- Histopathology

Services not available in-house are referred to external accredited laboratories that comply with both Ministry of Health regulatory requirements and CAP standards.

3.2 LOCATION

Postal address:	Level 7, Raffles Hospital 585 North Bridge Road Singapore 188770	
Telephone:	+65 6311 1760 / 1761 (Main Laboratory Admin)	
Hotlines for Specific Laboratories:	Blood Bank	6311 1769
	Biochemistry	6311 1764
	Haematology	6311 1767
	Immunology	6311 1764
	Serology	6311 1844
	Molecular	6311 1834
	Microbiology	6311 1766
	Cytology	6311 2269
	Histology	6311 1758
Fax No:	6311 1194	
Email:	Raffleslab@rafflesmedical.com	

3.3 OPERATING HOURS

Sections	Service Hours
Blood Bank, Biochemistry, Immunology, Haematology, Serology, Molecular, Microbiology	24 hours, 365 days
Cytology Histology	Monday - Saturday (Office hours)













SPECIMENS COLLECTION & HANDLING GUIDE



4 SPECIMEN COLLECTION

4.1 USES OF BLOOD TUBES

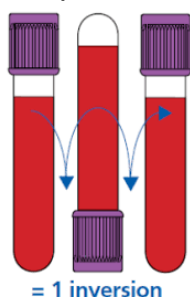
Draw Order	Cap Colour	Additives	Blood Volume	Purpose	Inversions
1	Blood Culture Bottle - Aerobic: Green Anaerobic: Orange †Paediatrics (Aerobic only): Yellow 	Sodium polyanethole sulfonate	10 mL 10 mL †5 mL	Used for bacteriology and/or fungal studies. Supports the recovery and detection of aerobic and facultative anaerobic microorganisms from blood specimens. Note: Collection of both Aerobic Anaerobic For paediatric: Aerobic Tubes only	8 - 10
2	Light Blue  †Paediatric Tube available	3.2% Sodium Citrate	2.7 mL †1.8 mL	PT, PTT, Fibrinogen, Factor Assay, HLA B27, Lupus Anticoagulant <i>* Must be filled to minimum fill line</i>	4
3	Red  † Paediatric Tube available	Clot Activator, Silicone coated	5 mL † 0.5 mL	Blood Group, Antibody Testing Most Biochemistry, Immunology tests that require serum	5
4	Gold/Yellow 	SSTII, Clot Activator and gel for serum separation	5 mL	Most Biochemistry, Immunology tests that require serum	5
5	Orange (RST) 	Rapid Clot Activator	5 mL	STAT biochemistry tests or urgent analyses; enables very rapid serum clotting (about 5 minutes)	5

6	Green 	Sodium Heparin/ Lithium Heparin	4 mL	For heparinized plasma determinations in chemistry, e.g. homocysteine. Send in with ice pack.	8
7	Royal Blue 	Clot activator (serum) or K ₂ EDTA (whole blood or plasma)	6 mL	For trace-element, toxicology, and nutritional-chemistry determinations. Special stopper formulation provides low levels of trace elements.	8
8	Lavender  † Pediatric Tube available	Spray coated K ₂ EDTA	3 mL † 0.5 mL	For most haematological test including HbA1C, FBC, ESR, G6PD, RBC Cyclosporine, and molecular genetics tests (Electrophoresis, Thalassemia, CD4/CD8).	8
9	Pink 		6 mL	For routine blood bank testing / blood transfusion service.	8
10	Grey 	Sodium Fluoride	3 mL	Blood glucose	8




† Indicates that a paediatric tube is available, along with its recommended volume.





Filling: Vacutainer tubes must fill completely until blood flow stops. Ensure the blood level reaches at least the minimum fill line.





Mixing Inversion: While each successive tube is filling, turn the tube upside-down and return it to upright position, repeat according to the recommended times for each tube type. One complete inversion as shown below:





4.2 OTHER COLLECTION CONTAINERS

Containers Description	Type	Purpose	Collection Steps
Fungal Blood Culture Medium Bottle 	White Cap / Red Ring – BD Bactec Myco/F Lytic Culture Bottle 3 - 5 mL Paediatric: Minimum 1 mL	Used for blood and sterile body fluid collection for fungal culture. Enhances recovery of yeast, fungi, and mycobacteria.	Steps: 1. Collect blood or sterile body fluid aseptically into the Bottle. 2. Ensure the correct volume is inoculated according to protocol. 3. Label the bottle with patient details. 4. Send immediately to the laboratory for incubation.
Sterile Container 	Sterile plastic container with screw cap	Routine urinalysis and urine culture. Also suitable for collecting body fluids and sputum specimen for routine examination and culture.	For Urine: Please refer to 4.2.1 Midstream Urine Collection for more collection details. For Semen: 1. Wash hands & penis (no soap), dry well. 2. Ejaculate into container (no lubricants). 3. Keep sample close to body temperature. 4. Deliver to lab within 1 hour.
24 Hour Urine Container 	Large-capacity plastic container with secure screw cap (2 – 3 L), available without or with preservative (e.g. HCl, Thymol)	For timed urine collection over 24 hours to assess kidney function, hormone levels, electrolytes, and protein excretion	Please refer to 4.2.2 24-Hour Urine Collection for more collection details.

<p>Stool Container</p> 	<p>Non-sterile plastic container with attached spatula and screw cap</p>	<p>Routine examination and culture for stool specimen</p>	<p>Please refer 4.2.3 Stool Collection to for more collection details.</p>
<p>Stool Cassette</p> 	<p>Plastic stool collection cassette</p>	<p>For collection and transport of stool specimens for occult blood testing (e.g. iFOBT/FIT)</p>	<p>Please refer to 4.2.4 Stool Cassette Collection for more collection details.</p>
<p>Urea Breath Test Kit (includes 2 Breath Bags – “Baseline” & “Sample”, and 1 Urea Tablet)</p> 	<p>Diagnostic kit with gas-impermeable bags and 13C-Urea tablet</p>	<p>For detection of H. pylori infection via exhaled breath after ingestion of 13C-Urea</p>	<p>Please refer to 4.2.5 Urea Breath Test Collection for more collection details.</p>
<p>SurePath Collection Kit</p> 	<p>BD SurePath™ Collection Vial with Rovers Cervex-Brush</p>	<p>Liquid Based Cytology (Pap Smear)</p>	<p>Please refer to 4.2.6 Surepath Collection for more collection details.</p>

<p>Blue Gel Swab</p> 	<p>Regular rayon swab with Amies agar gel w/o charcoal medium</p>	<p>Used for the collection of bacteriological culture samples from various body sites; compatible with both aerobic and anaerobic organisms.</p>	<p>Steps:</p> <ul style="list-style-type: none"> - Follow the illustrated instructions provided on the swab's packaging for proper specimen collection.
<p>Pink eSwab</p> 	<p>Pink screw-cap tube (1 mL Liquid Amies) with 1 pink flocked swab and 1 white flocked swab.</p>	<p>Used for MRSA collection; or for CRE and Candida auris screening by using white swab - nasal, axilla, groin, or rectal sites.</p>	<p>Steps:</p> <ul style="list-style-type: none"> - Follow the illustrated instructions provided on the swab's packaging for proper specimen collection.
<p>Cobas PCR Media Uni Swab Sample Kit</p> 	<p>Yellow cap Cobas PCR Media Tube pre-filled with preservation medium and 1 woven swab</p>	<p>Used for the collection of vaginal, throat, and rectal swab specimens for CT/NG molecular testing.</p>	<p>Steps:</p> <ul style="list-style-type: none"> - Follow the illustrated instructions provided on the swab's packaging for proper specimen collection.
<p>Single Minitip Flocked Swab with UTM Medium</p> 	<p>Red cap Universal Transport Medium (UTM) tube with 1 single minitip flocked swab</p>	<p>Used for collecting upper respiratory specimens for virology molecular testing such as respiratory viruses PCR.</p>	<p>Steps:</p> <ul style="list-style-type: none"> - Follow the illustrated instructions provided on the swab's packaging for proper specimen collection.

<p>Red Dry Swab</p> 	<p>Red cap dry swab with round-bottom polypropylene tube</p>	<p>For molecular testing (PCR), including Herpes Simplex Virus PCR and VP3 DNA probes for Trichomonas, Gardnerella, Candida, and others.</p> <p>*Not for culture.</p>	<p>Steps:</p> <ul style="list-style-type: none"> - Follow the illustrated instructions provided on the swab's packaging for proper specimen collection.
<p>Heparinized Capillary Tube</p> 	<p>Glass capillary tube pre-coated with ammonium heparin</p>	<p>Used for neonatal bilirubin test via micro blood sampling</p>	<p>Steps:</p> <ol style="list-style-type: none"> 1. Warm heel. 2. Clean with alcohol swab (air dry). 3. Prick heel. 4. Wipe first drop 5. Collect blood into capillary tube ($\frac{3}{4}$ full). 6. Wrap in aluminum foil. 7. Wipe first drop 8. Place in green-cap PS tube. 9. Send to lab promptly.

4.2.1 MIDSTREAM URINE COLLECTION

Example of the tests:

Urine FEME; Alcohol, Urine; Cotinine, Urine; Potassium, Urine etc

Procedure of collection

1. Wash and dry your hands thoroughly.
2. Remove the container lid (do not touch the inside surfaces).
3. Clean the genital area with the towelette provided:
 - Females: Wipe from front to back between the folds of skin.
 - Males: If uncircumcised, retract the foreskin and clean the glans (tip of the penis).
4. Begin urinating into the toilet.
5. Without stopping, collect the midstream portion into the sterile container (fill $\frac{1}{2}$ to $\frac{2}{3}$ full).
 - Females: Keep legs apart and hold the skin folds open while urinating.
 - Males (uncircumcised): Keep foreskin retracted while urinating.
6. Finish urinating into the toilet.
7. Screw and tighten the container cap securely; ensure it is not leaking.
8. Wash your hands again.
9. Label the container with patient's name, NRIC/Passport number, and time of collection.
10. Place the container into the provided biohazard bag.
11. Submit it to the laboratory/clinic as soon as possible. If a delay is unavoidable, store it in the refrigerator (2 - 8 °C) for up to 24 hours.

Notes:

- Samples containing stool, vaginal discharge, or menstrual blood cannot be used.
- For urine drug tests, containers must be sealed with anti-tamper tape.
- For toxicology tests, use an acid-washed container (labelled with sticker "A").

4.2.2 24-HOUR URINE COLLECTION

Example of the tests:

Calcium, 24hr Urine; Creatinine, 24hr Urine; Potassium, 24hr Urine etc

Procedure of collection:

1. Obtain the container
A 24-hour urine container (with or without preservative, depending on the test) is available upon request from the laboratory. Do not discard any preservative in the container. Label the container with the patient's name and NRIC/Passport number before giving it to the patient.
2. Start of collection
On waking, empty your bladder and discard this first urine. Record the date and time (e.g., 8:00 AM 01/01/2025) on the container label as start time.
3. During collection (24 hours)

Collect all urine (Second and subsequent voided urine) after the start time for the next 24 hours into the 24-hour container. Please take note of the following:

- Drink as usual unless otherwise advised.
- If passing motion, collect the urine first to avoid urine loss and contamination.

4. End of collection

The following day, at the same designated time as noted on day 1 (e.g. 8:00 AM), pass urine and add it to the container. This is the final sample.

5. After collection

Ensure the container is labelled with the patient's name, NRIC/Passport number, collection start date/time, and collection end date/time, and then submit it to the laboratory/clinic as soon as possible.

4.2.3 STOOL COLLECTION

Example of the tests:

Culture, Stool; Stool Calprotectin; Stool FEME (Ova, Amoeba, Cysts)

Procedure of collection:

1. Label the stool container with patient's name, NRIC/Passport number, and the date and time of collection.
2. Place something in the toilet to catch the stool, such as a clean disposable container, or spread newspaper or cling film (plastic wrap) over the rim of the toilet.
3. Pass stool, ensuring it does not come into contact with the inside of the toilet bowl or water.
4. Unscrew the container and use the spoon attached to the lid to transfer stool into the container until it is just under half full, including any watery stool, blood, or mucus if present.
5. Insert the spoon back into the container and screw the lid shut securely.
6. Flush the remaining stool down the toilet.
7. Wash your hands again.
8. Place the container into the provided biohazard bag.
9. Submit it to the laboratory/clinic as soon as possible.

4.2.4 STOOL CASSETTE COLLECTION

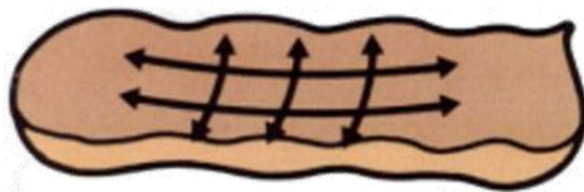
Example of the tests:

Immunological Fecal Occult Blood

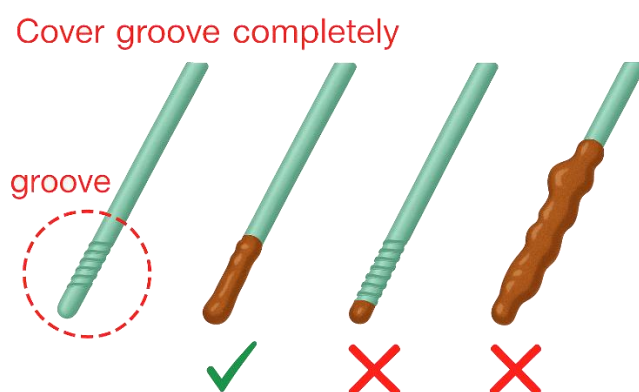
Procedure of collection:

1. Label the stool cassette with patient's name, NRIC/Passport number, and the date and time of collection.
2. Twist the green cap on the stool cassette to the left and pull upwards to remove it, keeping the cassette upright. Take care not to spill or discard any solution inside.

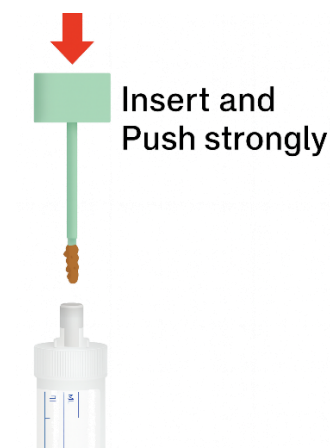
3. The sampling probe is attached to the cap. Collect the stool sample with the sampling probe by scraping the grooved section of the sampling probe on the surface of the stool as shown below:



4. Collect the amount enough to cover the groove of the probe without overfilling the sampling bottle, as shown below:



5. Insert the sampling probe back into the collection device by aligning the cap with the container and pressing it straight down until a click is heard, confirming it is securely closed, as shown below:



6. Shake the bottle up and down several times.

Note:

- the stool is hard, moisten it with a small amount of water before collecting the sample using the sampling bottle.

4.2.5 UREA BREATH TEST COLLECTION

Example of the tests:

Urea Breath Test

Procedure of collection:

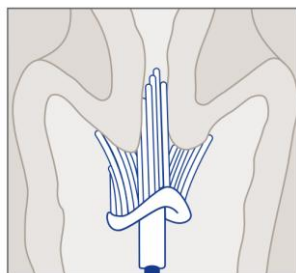
1. Patient Preparation:
 - Fast for 6 hours before the test prior to the test.
 - Stop smoking for at least 30 minutes before the test.
2. Exhale normally into the baseline bag, then record the time and tick “Baseline” on the label.
3. Swallow 13C-Urea tablet with 100 mL water ,without crushing or chewing it .
4. Lie on your left side for 5 minutes after taking the tablet.
5. Remain seated for a further 15 minutes.
6. Exactly 20 minutes after swallowing the tablet, exhale into another sample bag, seal it immediately, and record the time.
7. Place both the baseline and sample bags into the provided packaging
8. Submit it to the laboratory/clinic as soon as possible.

4.2.6 SUREPATH COLLECTION

Example of the tests:

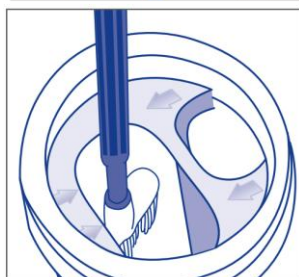
HPV DNA (SurePath); Pap Smear (SurePath) - Liquid Based Cytology

Procedure of collection:



1. Collect -

Collect the cytology sample using a broom-like device with detachable heads. Insert the central bristles of the broom into the endocervical canal deep enough to allow the other bristles to fully contact the ectocervix. Push gently, and rotate the brush in a clockwise direction 5 times for 5 complete 360° degree turns.



2. Drop -

Use the interior rim of the BD SurePath™ Collection Vial to pull off the head of the broom-like device into the large opening in the collection vial. Ensure the head is being dropped in the collection vial after collection.



3. Send -

Place the cap on the vial and tighten. Label the vial with patient identifiers. Send the BD SurePath™ Collection Vial to the lab for processing.

4.2.7 FINE NEEDLE ASPIRATION (FNA) / BRUSHING / SMEAR PREPARATION

Example of the tests:

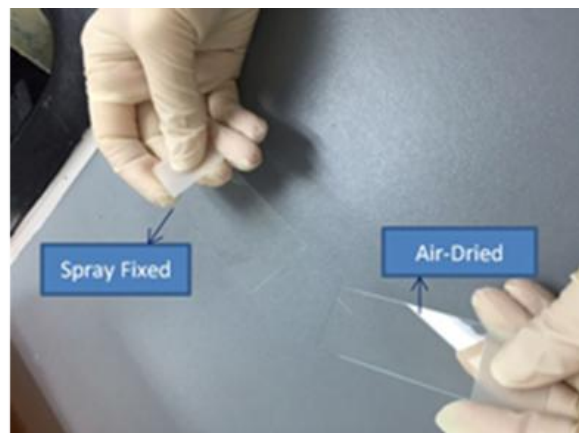
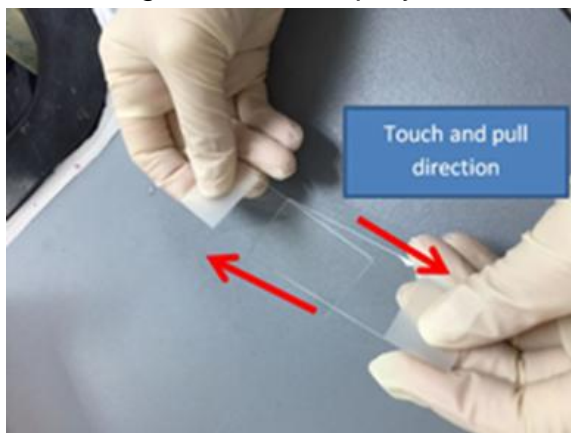
FNA/Smears/Brushing

Procedure of collection:

1. Label all slides on the frosted end with the patient's name or NRIC, and correct site using a hard lead pencil before starting the procedure.
2. After aspiration / brushings, promptly process the specimen for smear preparation.
3. Smear Preparation:

3.1 If from FNAC:

- Touch the end of the needle to the end of the glass slide and expel 1 - 2 drops of material onto the slide.
- Place a second slide on top of the first, allow the drop to spread, then gently pull the slides apart in opposite directions to form smearing.
- Prepare the spray-fixed smear:
 - Immediately fix one of the smears with Cyto spray-fixed alcohol.
- Prepare the air-dried smear:
 - Using the opposite smear for air dry.
- Refer to the illustrations below:
 - Left: touch-and-pull direction for smearing on both slides;
 - Right: one slide spray-fixed, the other air-dried.



3.2 If from Brushing:

- Fix by spraying both the smears with Cyto spray-fixed alcohol.
 - No air-dried smears required
4. Upon smearing/fixing the smear, please slot each slide into individual slot of the slide mailer (Container) and DO NOT stack the slides together (to avoid damaging the cells)

4.3 SUPPLIES

Raffles Lab provides all specimen collection containers and related supplies required for specimen collection and submission. These supplies are for use with laboratory testing and analysis performed exclusively by Raffles Lab.

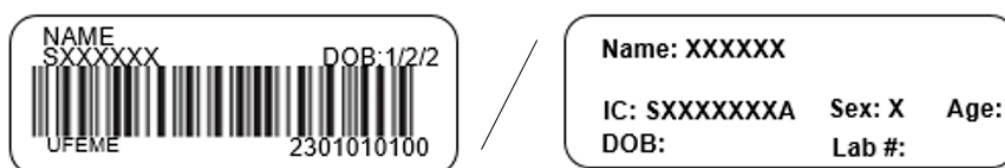
For supplies, please call +65 6311 1760 / 1761 (Main Laboratory Admin).

4.4 SPECIMEN LABELLING & REQUEST FORM REQUIREMENTS

To ensure accurate and reliable test results, all specimens must be properly collected, clearly labelled, and maintained in optimal condition. Each specimen label must include at least two unique patient identifiers (e.g., full name and NRIC number). The same patient identifiers, together with test requirements must also be clearly indicated on the accompanying request form. Please refer to the details below.

Specimen Labelling

Each specimen must be labelled with at least two unique patient identifiers (e.g., name and NRIC number) to prevent misidentification and reporting errors. Example as show below:



Request Form Requirements

Ensure the following minimum details are clearly completed on the request form:

- Ordering clinic and address
- Patient's full name
- Date of birth
- NRIC number; or any identification number
- Gender
- Requesting doctor's name and MCR number
- Tests requested
- Fasting/Nonfasting Status
- Any special instructions or diagnosis

4.5 HANDLING, TRANSPORT & STORAGE

To maintain the safety and quality of specimens during handling and shipping:

After Collection

- Seal and label all specimen containers immediately.
- Protect from light if applicable (e.g., bilirubin samples).

Packaging

- Use separate biohazard bags for each patient's specimen and request form.
- Do not mix specimens from different patients in the same bag.
- Do not send samples in syringes, with or without needles

Before Dispatch

- Store at room temperature, unless special handling (e.g., refrigeration) is specified.
- Use an ice bag for temperature-sensitive samples, if required.
- Do not leave specimens overnight at the clinic, as this may compromise results.
- Ensure all specimens are ready for pickup by Raffles Lab Services dispatchers.

4.6 SPECIMEN REJECTION

There are certain situations where specimens may be rejected due to pre-analytical issues. Below are the most common reasons for specimen rejection:

Container:

- Incorrect type of container
- Wrong preservative used (e.g.: Incorrect Blood Tubes)
- Damaged and defective container

Specimen:

- Unlabelled Specimen
- Patient Form and Specimen labelling mismatched
- Insufficient volume found in specimen
- Unsuitable Specimen
- Specimen syringes with needles attached
- Source of sample is unknown
- Delayed / Overnight sample

Contamination:

- Specimen contaminated

Interference:

- Haemolysis
- Lipaemia
- Icterus
- Anticoagulant

Others:

- Request form without patient label
- Specimen transported without necessary precaution for temperature or light sensitivity.

4.7 STORAGE OF SPECIMEN

All specimens collected must be maintained at room temperature in clinics until picked up by dispatchers, unless otherwise specified for sample types requiring special handling instructions.

Specimens must not be left overnight in clinics, as this may compromise analysis and result in inaccurate or misleading results.

4.8 CANCELLATION OF TESTS

In cases where, after a patient's sample has already been dispatched, the requesting doctor decides certain tests are no longer required, cancellations will be honoured at no charge, provided the tests have not yet been scheduled or processed.

Once analysis has begun, cancellations can no longer be accommodated.

A memorandum containing the patient's details, the test(s) to be cancelled, and the doctor's signature must be submitted to Raffles Lab within 24 hours of the verbal cancellation.



REPORTING



5 REPORTING

5.1 REPORTS

Encrypted PDF reports will be sent to the requesting clinic's registered email address within the specified turnaround time, with all results validated before release. Clinics may contact the Lab Hotline at 6721 1760 / 1761 if reports are not received within the expected time or if technical issues arise.

5.2 CRITICAL VALUES

- All critical values shall be notified through phone.
- The following values are considered "critical values"

Test	Critical Values	Unit
CHEMISTRY		
Arterial pH	< 7.2 or > 7.6	
Arterial pCO ₂	< 20 or > 70	mmHg
Arterial pO ₂	< 40	mmHg
Bilirubin, neonatal	> 15.0	mg/dL
Bicarbonate	< 15 or > 40	mmol/L
Calcium, total	< 6.0 or > 13.0	mg/dL
Glucose	< 40 or > 400	mg/dL
Magnesium	< 0.4 or > 1.9	mmol/L
Phosphate	< 1.0	mg/dL
Potassium	< 2.6 or > 6.0	mmol/L
Sodium	< 120 or > 160	mmol/L
HEMATOLOGY		
APTT	> 100	secs
PT	> 50	secs
INR	> 4.5	
Haemoglobin	< 7.0 or > 22.0	g/dL
Platelet count	< 40 or > 800	x 10 ⁹ /L
WBC count	< 1.0 or > 30.0	x 10 ⁹ /L
Blast	> 1	%
Malaria parasite	Presence/detected (positive)	
Neonatal Bilirubin	> 15	mg/dL
MICROBIOLOGY		
AFB Smear or culture	Positive	
Blood Culture	Positive	
CSF culture	Positive	
Sterile body fluid Gram stain	Positive	

*Raffles*Diagnostica

Your Trusted Partner for Health



TEST DIRECTORY



6 TEST DIRECTORY INDEX

6.1 TEST DIRECTORY INDEX

A-Z	Test Name	Page
A:	Activated Partial Prothrombin Time	Pg 73
	Alanine Aminotransferase (ALT/SGPT)	Pg 29
	Albumin	Pg 29
	Albumin, Fluid	Pg 29
	Alcohol, Urine	Pg 29
	Alkaline Phosphatase	Pg 30
	Alpha Fetoprotein	Pg 30
	Alpha Fetoprotein, Maternal Serum	Pg 30
	Amphetamines/Metamphetamine, Urine	Pg 92
	Amylase, Fluid	Pg 30
	Amylase, serum	Pg 31
	Amylase, Urine	Pg 31
	Anemia Screening	Pg 31
	Anti-dsDNA	Pg 85
	Anti-EBV EA+EBNA-1 IgA	Pg 85
	Anti-HAV, Total	Pg 85
	Anti-HBc, Total	Pg 85
	Anti-Hbe	Pg 86
	Anti-HCV, Total	Pg 86
	Anti-Mullerian Hormone	Pg 31
	Anti-Nuclear Antibody	Pg 86
	Apolipoprotein A1	Pg 32
	Apolipoprotein B	Pg 32
	Aspartate Aminotransferase (AST/SGOT)	Pg 32
B:	B-HCG + Placental Growth Factor (PLGF)	Pg 32
	Barbiturates, Urine	Pg 92
	Benzodiazepines, Urine	Pg 92
	Beta Human Chorionic Gonadotropin (B-Hcg)	Pg 33
	Bicarbonate	Pg 33
	Bilirubin (Direct & Indirect)	Pg 33
	Bilirubin Total, Fluid	Pg 33
	Bilirubin, Total	Pg 34
	Blood Culture Identification Panel PCR (BioFire FilmArray)	Pg 93

C:	C-Reactive Protein	Pg 34
	CA 125	Pg 34
	CA 15-3	Pg 34
	CA 19-9	Pg 35
	Calcium	Pg 35
	Calcium, 24hr Urine	Pg 35
	Calcium, Urine	Pg 35
	Cannabis, Urine	Pg 94
	Carcinoembryonic Antigen (CEA)	Pg 36
	Carcinoembryonic Antigen (CEA), Fluid	Pg 36
	Cardiac Enzymes	Pg 36
	Chlamydia Trachomatis PCR	Pg 94
	Chloride	Pg 36
	Chloride, 24hr Urine	Pg 37
	Chloride, CSF	Pg 37
	Chloride, Fluid	Pg 37
	Chloride, Urine	Pg 37
	Cholesterol, Fluid	Pg 38
	Cholesterol, HDL	Pg 38
	Cholesterol, Total	Pg 38
	Clostridioides (formerly Clostridium) Difficile Antigen	Pg 95
	Clostridioides (formerly Clostridium) Difficile PCR	Pg 95
	Coagulation Screen	Pg 73
	Cocaine, Urine	Pg 95
	Complete Blood Count	Pg 74
	Corrected Calcium Profile	Pg 38
	Cortisol, 8am	Pg 39
	Cortisol, Random	Pg 39
	Cotinine, Urine	Pg 96
	COVID-19 PCR	Pg 96
	Creatine Kinase	Pg 39
	Creatine Kinase-MB Mass	Pg 39
	Creatinine	Pg 40
	Creatinine Clearance Test	Pg 40
	Creatinine with Estimated GFR (CKD-EPI 2021)	Pg 40
	Creatinine, 24hr Urine	Pg 41
	Creatinine, Fluid	Pg 41
	Creatinine, Urine	Pg 41
	CTNG PCR	Pg 97
	Culture & Sensitivity (Aerobic & Anaerobic)	Pg 97

	Culture, Blood (Aerobic & Anaerobic)	Pg 98
	Culture, Body Fluid	Pg 98
	Culture, CSF	Pg 98
	Culture, Ear	Pg 99
	Culture, Environmental	Pg 99
	Culture, Eye	Pg 99
	Culture, HVS	Pg 100
	Culture, LVS for GBS	Pg 100
	Culture, Pus	Pg 100
	Culture, Semen	Pg 101
	Culture, Sputum	Pg 101
	Culture, Stool	Pg 101
	Culture, Throat	Pg 102
	Culture, Typhoid (Stool & Urine)	Pg 102
	Culture, Typhoid (Stool)	Pg 102
	Culture, Urethral	Pg 103
	Culture, Urine	Pg 103
	Culture, Wound	Pg 103
	Cyfra 21-1	Pg 41
	Cyto - Chemistry Stain	Pg 123
D:	D-dimer	Pg 42
	Dengue Fever Profile	Pg 74
	Dengue IgM	Pg 75
	Dengue NS1 Antigen	Pg 75
	Dengue Profile 1	Pg 75
	Dengue Screen (IgM & IgG)	Pg 75
	Drug & Alcohol Screen Panel 3 (10+1)	Pg 104
	Drug Screen Panel 1, Urine (7 Drugs)	Pg 104
	Drug Screen Panel 2, Urine (10 Drugs)	Pg 105
E:	Ecstasy, Urine	Pg 105
	Electrolytes	Pg 42
	Erythrocyte Sedimentation Rate	Pg 76
	Estimated GFR (CKD-EPI 2021)	Pg 37
	Estradiol	Pg 42
	External Cytology Slides for Second Consultation	Pg 123
F:	Ferritin, serum	Pg 43
	FNA/Smears/Brushing	Pg 123
	Folate, serum	Pg 43
	Follicle-Stimulating Hormone	Pg 43
	Free T4, Cord Blood	Pg 43
	Free Testosterone Panel	Pg 44

	Free Thyroxine (Free T4)	Pg 44
	Free Triiodothyroxine (Free T3)	Pg 44
	Full Blood Count	Pg 76
	G6PD Screen	Pg 44
G:	Gamma-Glutamyl Transferase	Pg 45
	Gastrointestinal Panel PCR (QIAstat-Dx)	Pg 106
	Glucose	Pg 45
	Glucose, 2 hour Post-Prandial	Pg 45
	Glucose, CSF	Pg 45
	Glucose, Fluid	Pg 46
	Glycated Haemoglobin A1c	Pg 46
	Gram Stain	Pg 107
H:	Haematocrit	Pg 76
	Haemoglobin	Pg 77
	Haemoglobin Electrophoresis	Pg 77
	Hbe Antigen	Pg 86
	HBs Antibody	Pg 87
	HBs Antigen	Pg 87
	Helicobacter Pylori Antibody IgG	Pg 107
	Hepatitis A & B Screen	Pg 87
	Hepatitis B Screen (Hbs Ab & Ag)	Pg 87
	Hepatitis Be Screen (HBe Ab & Ag)	Pg 88
	Herpes Type I IgG	Pg 88
	Herpes Type II IgG	Pg 88
	Herpes Types I and II IgG	Pg 88
	High Sensitive Troponin-T (HSTNT)	Pg 46
	High Sensitivity CRP	Pg 46
	HIV Antigen & Antibody	Pg 89
	Homocysteine	Pg 47
	Hormonal Screen - Female	Pg 47
	Hormonal Screen - Male	Pg 47
	Hormone Profile - Fertility (Female)	Pg 48
	Hormone Profile - Fertility (Male)	Pg 48
I:	HPV DNA (SurePath)	Pg 124
	HPV DNA -RCCM (Self Sampling)	Pg 124
	Identification for Scabies	Pg 107
	Immunological Fecal Occult Blood	Pg 77

	INR (INR, PT) (Prothrombin Time)	Pg 78
	Insulin	Pg 48
	Insulin (1st Hr)	Pg 49
	Insulin (2nd Hr)	Pg 49
	Iron Panel	Pg 49
	Iron, Serum	Pg 49
L:	Lactate Dehydrogenase (LDH)	Pg 50
	Lactate Dehydrogenase (LDH), Fluid	Pg 50
	LDL Measured	Pg 50
	Legionella Pneumophila Antigen	Pg 107
	Lipid Panel with LDL Measured	Pg 50
	Lipid Screen	Pg 51
	Lipoprotein A	Pg 51
	Liver Function Test	Pg 51
	Liver Function Test B	Pg 52
	Luteinizing hormone (LH)	Pg 52
M:	Magnesium, 24hr Urine	Pg 52
	Magnesium, Fluid	Pg 53
	Magnesium, serum	Pg 53
	Malaria Parasite	Pg 78
	Mean Cell Hemoglobin	Pg 78
	Mean Cell Hemoglobin Concentration	Pg 79
	Mean Cell Volume	Pg 79
	Measles Virus IgG	Pg 89
	Methadone, Urine	Pg 108
	Methaqualone, Urine	Pg 108
	Microalbumin, 24hr Urine	Pg 53
	Microalbumin, Urine (Qualitative)	Pg 53
	Microalbumin, Urine Random (Quantitative)	Pg 54
	Microalbumin/Creatinine Ratio, Urine (UACR)	Pg 54
	Microfilaria	Pg 79
	Monotest	Pg 108
	MRSA PCR Screening	Pg 109
	MRSA Screening (Blue swab with gel)	Pg 109
	Mumps Virus IgG	Pg 89
	Mycoplasma Pneumoniae Antibody IgM	Pg 109
N:	Neisseria Gonorrhea Culture	Pg 110
	Neisseria Gonorrhoeae PCR	Pg 110

	Non-Gynae Cytology – Body Fluids	Pg 124
	Non-Gynae Cytology – CSF	Pg 125
	Non-Gynae Cytology – Sputum / Abscess	Pg 125
	Non-Gynae Cytology – Urine	Pg 125
	Norovirus Antigen	Pg 110
	NT-proBNP	Pg 54
O:	Oral Glucose Tolerance Test	Pg 55
	Oral Glucose Tolerance Test (0 to 3 hours)	Pg 56
	Oral Glucose Tolerance Test (O&G)	Pg 57
	Oral Glucose Tolerance Test (Without Urine)	Pg 58
	Opiates, Urine	Pg 111
P:	Pap Smear (SurePath) - Liquid Based Cytology	Pg 126
	Peripheral Blood Film (PBF)	Pg 80
	pH Body Fluid	Pg 111
	Phencyclidine, Urine	Pg 111
	Phosphate	Pg 58
	Phosphate, 24hr Urine	Pg 58
	Phosphate, Urine	Pg 59
	Pinworm Screening	Pg 112
	Platelets	Pg 80
	Platelets (Citrated)	Pg 80
	Pneumonia Panel PCR (BioFire FilmArray)	Pg 112
	Potassium	Pg 59
	Potassium, 24hr Urine	Pg 59
	Potassium, Fluid	Pg 59
	Potassium, Urine	Pg 60
	Pregnancy Test, Urine	Pg 113
	Procalcitonin	Pg 60
	Progesterone	Pg 60
	Prolactin	Pg 60
	Propoxyphene, Urine	Pg 113
	Prostate Specific Antigen	Pg 55
	Protein, CSF	Pg 61
	Protein, Total	Pg 61
	Prothrombin Time	Pg 80
R:	Red Blood Cell	Pg 81
	Red Cell Distribution Width	Pg 81
	Renal Screen	Pg 62
	Respiratory Panel PCR (QIAstat-Dx)	Pg 114
	Reticulocytes	Pg 81

	Rheumatoid Factor (Quantitative)	Pg 62
	Rotavirus Antigen	Pg 115
	Rubella IgG Antibody	Pg 89
S:	Seminal Analysis	Pg 115
	Sex Hormone Binding Globulin (SHBG)	Pg 63
	Smear for AFB (Acid fast Bacilli)	Pg 116
	Smear for Amoeba	Pg 116
	Smear for Fungus	Pg 116
	Smear for Trichomonas, Monilia & GC	Pg 117
	Sodium	Pg 63
	Sodium, 24hr Urine	Pg 63
	Sodium, Fluid	Pg 63
	Sodium, Urine	Pg 64
	Stool Calprotectin	Pg 117
	Stool FEME (Ova, Amoeba, Cysts)	Pg 117
	Streptococcus Pneumoniae Antigen	Pg 118
	Synacthen Test (Extended)	Pg 64
	Synacthen Test (Short)	Pg 64
	Synovial fluid, Crystal	Pg 118
T:	Testosterone	Pg 65
	Thyroid Peroxidase Antibody (Anti-TPO)	Pg 65
	Thyroid Screen A (FT4, TSH)	Pg 65
	Thyroid Screen B (FT3, FT4, TSH)	Pg 65
	Thyroid Stimulating Hormone	Pg 66
	Total Bilirubin (Neonatal)	Pg 82
	Total Iron Binding Capacity (TIBC) Profile	Pg 66
	Total Protein, 24hr Urine	Pg 66
	Total Protein, Fluid	Pg 66
	Total Protein, Urine	Pg 67
	Transferrin	Pg 67
	Transferrin Saturation (%) Profile	Pg 67
	Treponemal Antibodies (ECLIA)	Pg 90
	Tricyclic Antidepressant, Urine	Pg 118
	Triglycerides	Pg 67
	Triglycerides, Fluid	Pg 68
	TSH Receptor Antibody (TRAb)	Pg 68
	TSH, Cord Blood	Pg 68
U:	Urea	Pg 68

	Urea Breath Test	Pg 69
	Urea, 24hr Urine	Pg 69
	Urea, Fluid	Pg 69
	Urea, Urine	Pg 69
	Uric Acid	Pg 70
	Uric Acid, 24hr Urine	Pg 70
	Uric Acid, Fluid	Pg 70
	Uric Acid, Urine	Pg 70
	Urine Drug Test (5 Drugs)	Pg 119
	Urine FEME	Pg 119
	Urine Macroscopy (Dipstick)	Pg 120
	Urine Phase Contrast (Isomorphic, Dysmorphic RBC)	Pg 120
	Urine Protein/Creatinine Ratio (UPCR)	Pg 71
V:	Varicella Zoster Virus IgG	Pg 90
	Vitamin B12	Pg 71
	Vitamin D (25Hydroxy)	Pg 71
	VRE Screening	Pg 121
W:	WBC Differential Count	Pg 82
	White Blood Cell	Pg 83

Raffles **Diagnostica**

Your Trusted Partner for Health



BIOCHEMISTRY TESTS



Alanine Aminotransferase (ALT/ SGPT)

LIS Test Code	: 407298
Available in Profile	: ▶ 460901 Cardiac Enzymes ▶ 464501 Liver function Test ▶ 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Albumin

LIS Test Code	: 400000
Available in Profile	: ▶ 464501 Liver function Test ▶ 464502 Liver Function Test B ▶ 489953 Corrected Calcium Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: Blood
Specimen Required	: Yellow Top / Red Top (Plain)
Container/Tube	: 6 mL (Plain)
Volume Required	: Blood

Albumin, Fluid

LIS Test Code	: 468823
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Alcohol, Urine

LIS Test Code	: 400522
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container Sealed with Anti-Tamper Tape
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Apply tamper-proof seal. Send to the laboratory immediately.

Alkaline Phosphatase

LIS Test Code	: 400002
Available in Profile	: ► 464501 Liver Function Test ► 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Alpha Fetoprotein

LIS Test Code	: 447700
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Alpha Fetoprotein, Maternal Serum

LIS Test Code	: 447702
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Amylase, Fluid

LIS Test Code	: 400013
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Amylase, serum

LIS Test Code	: 400004
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Amylase, Urine

LIS Test Code	: 408102
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Anemia Screening

LIS Test Code	: 466734
Profile Included	: <ul style="list-style-type: none">● Iron● Folate● Vitamin B12● Vitamin D, 25 Hydroxy
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-Mullerian Hormone

LIS Test Code	: 489056
Testing Schedule	: Monday, Thursday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Apolipoprotein A1

LIS Test Code	: 400005
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Apolipoprotein B

LIS Test Code	: 400006
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Aspartate Aminotransferase (AST/SGOT)

LIS Test Code	: 407299
Available in Profile	: <ul style="list-style-type: none">▶ 460901 Cardiac Enzymes▶ 464501 Liver function Test▶ 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

B-HCG + Placental Growth Factor (PLGF)

LIS Test Code	: 414900
Profile Included	: <ul style="list-style-type: none">● B-HCG● Placenta Growth Factor, PLGF
Testing Schedule	: Daily
Turnaround Time	: 2 - 4 days
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Beta Human Chrionic Gonadotropin (B-Hcg)

LIS Test Code	: 432901
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Bicarbonate

LIS Test Code	: 400500
Available in Profile	: ► 466901 Renal Screen ► 489961 Renal Panel with eGFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Bilirubin (Direct & Indirect)

LIS Test Code	: 400503
Profile Included	: ● Bilirubin, Total ● Bilirubin, Direct ● Bilirubin, Indirect
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Bilirubin Total, Fluid

LIS Test Code	: 410913
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Bilirubin, Total

LIS Test Code	: 400502
Available in Profile	: ► 400503 Bilirubin (Direct & Indirect) ► 464501 Liver Function Test ► 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

C-Reactive Protein

LIS Test Code	: 468847
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

CA 125

LIS Test Code	: 447711
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

CA 15-3

LIS Test Code	: 447712
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

CA 19-9

LIS Test Code	: 447710
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 3 - 6 mL

Calcium

LIS Test Code	: 400900
Available in Profile	: ► 489953 Corrected Calcium Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Calcium, 24hr Urine

LIS Test Code	: 408104
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container (With 15 mL of 50% HCl)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Calcium, Urine

LIS Test Code	: 408126
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Carcinoembryonic Antigen (CEA)

LIS Test Code	: 447709
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Carcinoembryonic Antigen (CEA), Fluid

LIS Test Code	: 447708
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Cardiac Enzymes

LIS Test Code	: 460901
Profile Included	: <ul style="list-style-type: none">• AST / SGOT• CK / CPK• Lactate dehydrogenase (LDH)• CK-MB, mass
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Chloride

LIS Test Code	: 400901
Available in Profile	: <ul style="list-style-type: none">▶ 461700 Electrolytes▶ 466901 Renal Screen▶ 489961 Renal Panel with eGFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Chloride, 24hr Urine

LIS Test Code	: 408105
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected with 24 hours
Container/Tube	: 24 hr Urine Container (No Preservative)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Chloride, CSF

LIS Test Code	: 410924
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Cerebral Spinal Fluid
Container/Tube	: Sterile Container
Volume Required	: 1 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Chloride, Fluid

LIS Test Code	: 400899
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Chloride, Urine

LIS Test Code	: 410903
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Cholesterol, Fluid

LIS Test Code	: 400934
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Cholesterol, HDL

LIS Test Code	: 400904
Available in Profile	: ► 464500 Lipid Screen ► 464800 Lipid Panel with LDL Measured
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Cholesterol, Total

LIS Test Code	: 400902
Available in Profile	: ► 464500 Lipid Screen ► 464800 Lipid Panel with LDL Measured
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Corrected Calcium Profile

LIS Test Code	: 489953
Profile Included	: ● Albumin ● Calcium ● Corrected Calcium
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Cortisol, 8am

LIS Test Code	: 430908
Testing Schedule	: Monday, Wednesday, Friday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Cortisol, Random

LIS Test Code	: 430909
Testing Schedule	: Monday, Wednesday, Friday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Creatine Kinase

LIS Test Code	: 400908
Available in Profile	: ► 460901 Cardiac Enzymes
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Creatine Kinase-MB Mass

LIS Test Code	: 400916
Available in Profile	: ► 460901 Cardiac Enzymes
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Creatinine

LIS Test Code	: 400907
Available in Profile	: <ul style="list-style-type: none"> ▶ 466901 Renal Screen ▶ 489961 Renal Panel with eGFR (CKD-EPI 2021) ▶ 400909 Creatinine Clearance Test ▶ 499499 Creatinine with Estimated GFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Creatinine Clearance Test

LIS Test Code	: 400909
Profile Included	: <ul style="list-style-type: none"> • Creatinine • Body Surface Area • Total Volume • Creatinine Urine • Creatinine Clearance
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood and Urine
Container/Tube	: Blood: Yellow Top / Red Top (Plain) Urine: 24 hr Urine Container with 3.0 g Thymol Preservative
Volume Required	: Blood: 6 mL (Plain) Urine: Full Volume

Creatinine with Estimated GFR (CKD-EPI 2021)

LIS Test Code	: 499499
Profile Included	: <ul style="list-style-type: none"> • Creatinine • Estimated GFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Creatinine, 24hr Urine

LIS Test Code	: 404911
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container with 3.0 g Thymol Preservative
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Creatinine, Fluid

LIS Test Code	: 408428
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Creatinine, Urine

LIS Test Code	: 408125
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Cyfra 21-1

LIS Test Code	: 414009
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL

D-dimer

LIS Test Code	: 468763
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Light Blue Top (3.2% Sodium Citrate)
Volume Required	: 2.7 mL

Dehydroepiandrosterone Sulfate (DHEA-S)

LIS Test Code	: 410511
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Electrolytes

LIS Test Code	: 461700
Profile Included	: <ul style="list-style-type: none">● Chloride● Potassium● Sodium
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Estradiol

LIS Test Code	: 400132
Available in Profile	: <ul style="list-style-type: none">▶ 460632 Hormonal Screen - Female▶ 460633 Hormonal Screen - Male▶ 463127 Hormone Profile - Fertility (Female)▶ 463128 Hormone Profile - Fertility (Male)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Ferritin, serum

LIS Test Code	: 445721
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Folate, serum

LIS Test Code	: 422104
Available in Profile	: ► 466734 Anemia Screening
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Follicle-Stimulating Hormone

LIS Test Code	: 432100
Available in Profile	: ► 460632 Hormonal Screen - Female ► 460633 Hormonal Screen - Male ► 463127 Hormone Profile - Fertility (Female) ► 463128 Hormone Profile - Fertility (Male)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Free T4, Cord Blood

LIS Test Code	: 437705
Available in Profile	: ► 465299 Newborn Package
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Green Top PS Tube
Volume Required	: 3 mL (Green-Top PS Tube)
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Free Testosterone Panel

LIS Test Code	: 437705
Profile Included	: <ul style="list-style-type: none">• Albumin• Total Testosterone• Sex Hormone-Binding Globulin (SHBG)• Free Testosterone, Calculated
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Free Thyroxine (Free T4)

LIS Test Code	: 487703
Available in Profile	: <ul style="list-style-type: none">▶ 467700 Thyroid Screen A (FT4, TSH)▶ 467713 Thyroid Screen B (FT3, FT4, TSH)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Free Triiodothyroxine (Free T3)

LIS Test Code	: 445876
Available in Profile	: <ul style="list-style-type: none">▶ 467713 Thyroid Screen B (FT3, FT4, TSH)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

G6PD Screen

LIS Test Code	: 402506
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL (EDTA)

Gamma-Glutamyl Transferase

LIS Test Code	: 402503
Available in Profile	: ▶ 464501 Liver function Test ▶ 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Glucose

LIS Test Code	: 402501
Available in Profile	: ▶ 466901 Renal Screen ▶ 489961 Renal Panel with eGFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain) / 3 mL (Fluoride)

Glucose, 2 hour Post-Prandial

LIS Test Code	: 402512
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain) / 3 mL (Fluoride)

Glucose, CSF

LIS Test Code	: 410925
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Cerebral Spinal Fluid
Container/Tube	: Sterile Container
Volume Required	: 1 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Glucose, Fluid

LIS Test Code	: 402504
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Glycated Haemoglobin A1c

LIS Test Code	: 402505
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL (EDTA)

High Sensitive Troponin-T (HSTNT)

LIS Test Code	: 407708
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

High Sensitivity CRP

LIS Test Code	: 445718
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Homocysteine

LIS Test Code	:	403003
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Lithium Heparin (Green Top)
Volume Required	:	3 mL (Lithium Heparin)
Collection Instructions	:	❄ Send the samples on ice pack to laboratory

Hormonal Screen - Female

LIS Test Code	:	460632
Profile Included	:	<ul style="list-style-type: none">● Estradiol (E2)● Follicle-stimulating Hormone (FSH)● Luteinizing Hormone (LH)● Prolactin● Progesterone● Testosterone
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Hormonal Screen - Male

LIS Test Code	:	460633
Profile Included	:	<ul style="list-style-type: none">● Estradiol (E2)● Follicle-stimulating Hormone (FSH)● Luteinizing Hormone (LH)● Prolactin● Testosterone
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Hormone Profile - Fertility (Female)

LIS Test Code	:	463127
Profile Included	:	<ul style="list-style-type: none">• Estradiol (E2)• Follicle-stimulating Hormone (FSH)• Luteinizing Hormone (LH)• Prolactin• Progesterone• Thyroid-stimulating Hormone (TSH)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Hormone Profile - Fertility (Male)

LIS Test Code	:	463128
Profile Included	:	<ul style="list-style-type: none">• Estradiol (E2)• Follicle-stimulating Hormone (FSH)• Luteinizing Hormone (LH)• Prolactin• Testosterone• Thyroid-stimulating Hormone (TSH)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Insulin

LIS Test Code	:	413305
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Insulin (1st Hr)

LIS Test Code	: 413306
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Insulin (2nd Hr)

LIS Test Code	: 413307
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Iron Panel

LIS Test Code	: 410510
Profile Included	: <ul style="list-style-type: none">● Iron● Transferrin● Total Iron Binding Capacity (TIBC)● Transferrin Saturation %● Ferritin, Serum
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Iron, Serum

LIS Test Code	: 403300
Available in Profile	: <ul style="list-style-type: none">▶ 466734 Anemia Screening▶ 489958 Transferrin Saturation (%) Profile▶ 489957 Total Iron Binding Capacity (TIBC)
Testing Schedule	: Daily
Turnaround Time	: 6 mL (Plain)
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Lactate Dehydrogenase (LDH)

LIS Test Code	: 404500
Available in Profile	: ► 460901 Cardiac Enzymes
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Lactate Dehydrogenase (LDH), Fluid

LIS Test Code	: 404505
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

LDL Measured

LIS Test Code	: 408429
Available in Profile	: ► 464800 Lipid Panel with LDL Measured
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Lipid Panel with LDL Measured

LIS Test Code	: 464800
Profile Included	: <ul style="list-style-type: none">● Cholesterol, Total● Cholesterol, HDL● LDL Measured● Total Cholesterol/ HDL Ratio● Triglycerides
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Lipid Screen

LIS Test Code	:	464500
Profile Included	:	<ul style="list-style-type: none">● Cholesterol, Total● Cholesterol, HDL● Cholesterol, LDL (Calculated)● Total Cholesterol/ HDL Ratio● Triglycerides
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Lipoprotein A

LIS Test Code	:	404513
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Liver Function Test

LIS Test Code	:	464501
Profile Included	:	<ul style="list-style-type: none">● Bilirubin, Total● Total Protein● Albumin● Globulin● Albumin / Globulin Ratio● Alkaline Phosphatase● AST/SGOT● ALT/ SGPT● GGT
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Liver Function Test B

LIS Test Code	:	464502
Profile Included	:	<ul style="list-style-type: none">• Bilirubin, Total• Bilirubin, Direct• Bilirubin, Indirect• Total Protein• Albumin• Globulin• Albumin / Globulin Ratio• Alkaline Phosphatase• AST/SGOT• ALT/ SGPT• GGT
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Luteinizing hormone (LH)

LIS Test Code	:	434500
Available in Profile	:	<ul style="list-style-type: none">▶ 460632 Hormonal Screen - Female▶ 460633 Hormonal Screen - Male▶ 463127 Hormone Profile - Fertility (Female)▶ 463128 Hormone Profile - Fertility (Male)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour 30 mins
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Magnesium, 24hr Urine

LIS Test Code	:	408119
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Urine collected with 24 hours
Container/Tube	:	24 hr Urine Container (With 15 mL of 50% HCl)
Volume Required	:	Full Volume
Collection Instructions	:	Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Magnesium, Fluid

LIS Test Code	: 400151
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Magnesium, serum

LIS Test Code	: 404900
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Microalbumin, 24hr Urine

LIS Test Code	: 404904
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container (No Preservative)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Microalbumin, Urine (Qualitative)

LIS Test Code	: 404920
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adults: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Microalbumin, Urine Random (Quantitative)

LIS Test Code	: 404903
Available in Profile	: ► 404905 Microalbumin/Creatinine Ratio, Urine (UACR) ► 404906 Urine Protein/Creatinine Ratio (UPCR)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Microalbumin/Creatinine Ratio, Urine (UACR)

LIS Test Code	: 404905
Profile Included	: ● Creatinine, Urine ● Microalbumin, Urine ● Microalbumin / Creatinine Ratio, Urine
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: 20 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

NT-proBNP

LIS Test Code	: 489950
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Oral Glucose Tolerance Test

LIS Test Code	: 402502
Profile Included	: Blood Glucose: <ul style="list-style-type: none"> • Blood Glucose, 0 min • Blood Glucose, 1 hr • Blood Glucose, 2 hrs Urine Glucose: <ul style="list-style-type: none"> • Urine Glucose, 0 min • Urine Glucose, 1 hr • Urine Glucose, 2 hrs Urine Ketones: <ul style="list-style-type: none"> • Urine Ketones, 0 min • Urine Ketones, 1 hr • Urine Ketones, 2 hrs
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood and Urine
Container/Tube	: Blood: Fluoride Tube (Grey Top) Urine: Sterile Urine Container
Volume Required	: Blood: 3 mL (Fluoride) each time point Urine: 20 mL each time point
Collection Instructions	: Blood: <ol style="list-style-type: none"> 1. Collect at 3 intervals (0 hour, 1 hour, 2 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink 2. Label clearly the interval of collection on the tube. Urine: <ol style="list-style-type: none"> 1. Collect at 3 intervals (0 hour, 1 hour, 2 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink 2. Label clearly the time/interval of collection on the container. Urine should be refrigerated at 2 - 8°C after each collection. 3. All specimens should be sent immediately to the laboratory after 2nd hour urine is collected.

Oral Glucose Tolerance Test (0 to 3 hours)

LIS Test Code	: 402513
Profile Included	: Blood Glucose: <ul style="list-style-type: none"> • Blood Glucose, 0 min • Blood Glucose, 1 hr • Blood Glucose, 2 hrs • Blood Glucose, 3 hrs Urine Glucose: <ul style="list-style-type: none"> • Urine Glucose, 0 min • Urine Glucose, 1 hr • Urine Glucose, 2 hrs • Urine Glucose, 3 hrs Urine Ketones: <ul style="list-style-type: none"> • Urine Ketones, 0 min • Urine Ketones, 1 hr • Urine Ketones, 2 hrs • Urine Ketones, 3 hrs
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood and Urine
Container/Tube	: Blood: Fluoride Tube (Grey Top) Urine: Sterile Urine Container
Volume Required	: Blood: 3 mL (Fluoride) each time point Urine: 20 mL each time point
Collection Instructions	: Blood: <ol style="list-style-type: none"> 1. Collect at 4 intervals (0 hour, 1 hour, 2 hours, 3 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink • 3 hours after glucose drink 2. Label clearly the interval of collection on the tube. Urine: <ol style="list-style-type: none"> 1. Collect at 4 intervals (0 hour, 1 hour, 2 hours, 3 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink • 3 hours after glucose drink 2. Label clearly the time/interval of collection on the container. Urine should be refrigerated at 2 - 8°C after each collection. 3. All specimens should be sent immediately to the laboratory after 3rd hour urine is collected.

Oral Glucose Tolerance Test (O&G)

LIS Test Code	: 402522
Profile Included	: Blood Glucose: <ul style="list-style-type: none"> • Blood Glucose, 0 hr • Blood Glucose, 1 hr • Blood Glucose, 2 hrs Urine Glucose: <ul style="list-style-type: none"> • Urine Glucose, 0 min • Urine Glucose, 1 hr • Urine Glucose, 2 hrs Urine Ketones: <ul style="list-style-type: none"> • Urine Ketones, 0 min • Urine Ketones, 1 hr • Urine Ketones, 2 hrs
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Blood: Fluoride Tube (Grey Top) Urine: Sterile Urine Container
Volume Required	: Blood: 3 mL (Fluoride) each time point Urine: 20 mL each time point
Collection Instructions	: Blood: <ol style="list-style-type: none"> 1. Collect at 3 intervals (0 hour, 1 hour, 2 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink 2. Label clearly the interval of collection on the tube. Urine: <ol style="list-style-type: none"> 1. Collect at 3 intervals (0 hour, 1 hour, 2 hours): <ul style="list-style-type: none"> • 0 hour (fasting / baseline, before glucose drink) • 1 hour after glucose drink • 2 hours after glucose drink 2. Label clearly the time/interval of collection on the container. Urine should be refrigerated at 2 - 8°C after each collection. 3. All specimens should be sent immediately to the laboratory after 2nd hour urine is collected.

Oral Glucose Tolerance Test (Without Urine)

LIS Test Code	: 402498
Profile Included	: <ul style="list-style-type: none">• Blood Glucose, 0 min• Blood Glucose, 1 hr• Blood Glucose, 2 hrs
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Fluoride Tube (Grey Top)
Volume Required	: 3 mL (Fluoride) each time point
Collection Instructions	: <ol style="list-style-type: none">1. Collect at 3 intervals (0 hour, 1 hour, 2 hours):<ul style="list-style-type: none">• 0 hour (fasting / baseline, before glucose drink)• 1 hour after glucose drink• 2 hours after glucose drink2. Label clearly the interval of collection on the tube.

Phosphate

LIS Test Code	: 406100
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Phosphate, 24hr Urine

LIS Test Code	: 408110
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected with 24 hours
Container/Tube	: 24 hr Urine Container (With 15 mL of 50% HCl)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Phosphate, Urine

LIS Test Code	: 408143
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Potassium

LIS Test Code	: 406101
Available in Profile	: <ul style="list-style-type: none">▶ 461700 Electrolytes▶ 466901 Renal Screen▶ 489961 Renal Panel with eGFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Potassium, 24hr Urine

LIS Test Code	: 408111
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected with 24 hours
Container/Tube	: 24 hr Urine Container (No Preservative)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Potassium, Fluid

LIS Test Code	: 400152
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Potassium, Urine

LIS Test Code	: 408121
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Procalcitonin

LIS Test Code	: 489951
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Progesterone

LIS Test Code	: 436104
Available in Profile	: ► 460632 Hormonal Screen - Female ► 463127 Hormone Profile - Fertility (Female)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Prolactin

LIS Test Code	: 436101
Available in Profile	: ► 460632 Hormonal Screen - Female ► 460633 Hormonal Screen - Male ► 463127 Hormone Profile - Fertility (Female) ► 463128 Hormone Profile - Fertility (Male)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Prostate Specific Antigen, PSA

LIS Test Code	: 447761
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Protein, CSF

LIS Test Code	: 410926
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Cerebral Spinal Fluid
Container/Tube	: Sterile Container
Volume Required	: 1 mL
Collection Instructions	: Collect in sterile container, secure cap, send immediately.

Protein, Total

LIS Test Code	: 406102
Available in Profile	: ► 464501 Liver function Test ► 464502 Liver Function Test B
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Renal Panel with eGFR (CKD-EPI 2021)

LIS Test Code	:	489961
Profile Included	:	<ul style="list-style-type: none">● Glucose● Potassium● Sodium● Chloride● Bicarbonate● Urea● Creatinine● Estimated GFR (CKD-EPI 2021)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Renal Screen

LIS Test Code	:	466901
Profile Included	:	<ul style="list-style-type: none">● Glucose● Potassium● Sodium● Chloride● Bicarbonate● Urea● Creatinine
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Rheumatoid Factor (Quantitative)

LIS Test Code	:	445773
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Yellow Top / Red Top (Plain)
Volume Required	:	6 mL (Plain)

Sex Hormone Binding Globulin (SHBG)

LIS Test Code	: 410512
Available in Profile	: ► 410514 Free Testosterone Panel
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Sodium

LIS Test Code	: 407302
Available in Profile	: ► 461700 Electrolytes
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Sodium, 24hr Urine

LIS Test Code	: 408112
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container (No Preservative)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Sodium, Fluid

LIS Test Code	: 400153
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Sodium, Urine

LIS Test Code	: 408122
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Synacthen Test (Extended)

LIS Test Code	: 430916
Profile Included	: <ul style="list-style-type: none">• Cortisol, 0 mins• Cortisol, 30 mins• Cortisol, 60 mins• Cortisol, 90 mins
Testing Schedule	: Monday, Wednesday, Friday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain) / 2 mL (Microtainer)

Synacthen Test (Short)

LIS Test Code	: 430910
Profile Included	: <ul style="list-style-type: none">• Cortisol, 0 mins• Cortisol, 30 mins• Cortisol, 60 mins
Testing Schedule	: Monday, Wednesday, Friday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain) / 2 mL (Microtainer)

Testosterone

LIS Test Code	: 437700
Available in Profile	: ▶ 460632 Hormonal Screen - Female ▶ 460633 Hormonal Screen - Male ▶ 463128 Hormone Profile - Fertility (Male) ▶ 410514 Free Testosterone Panel
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Thyroid Peroxidase Antibody (Anti-TPO)

LIS Test Code	: 445883
Testing Schedule	: Monday, Wednesday, Friday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Thyroid Screen A (FT4, TSH)

LIS Test Code	: 467700
Profile Included	: • Thyroid-stimulating Hormone • Free T4
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Thyroid Screen B (FT3, FT4, TSH)

LIS Test Code	: 467713
Profile Included	: • Thyroid-stimulating Hormone • Free T4 • Free T3
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Thyroid Stimulating Hormone

LIS Test Code	: 437701
Available in Profile	: ▶ 467700 Thyroid Screen A (FT4, TSH) ▶ 467713 Thyroid Screen B (FT3, FT4, TSH)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Total Iron Binding Capacity (TIBC) Profile

LIS Test Code	: 489957
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)
Collection Instructions	: Plain Tube (Gold / Orange / Red Top)

Total Protein, 24hr Urine

LIS Test Code	: 408103
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container with 3.0 g Thymol Preservative
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Total Protein, Fluid

LIS Test Code	: 410504
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Total Protein, Urine

LIS Test Code	: 408106
Available in Profile	: ► 404906 Urine Protein/Creatinine Ratio (UPCR)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Transferrin

LIS Test Code	: 410509
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Transferrin Saturation (%) Profile

LIS Test Code	: 489958
Profile Included	: • Iron • Total Iron Binding Capacity (TIBC)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Triglycerides

LIS Test Code	: 407703
Available in Profile	: ► 464500 Lipid Screen ► 464800 Lipid Panel with LDL Measured
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Triglycerides, Fluid

LIS Test Code	: 407709
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

TSH Receptor Antibody (TRAb)

LIS Test Code	: 437711
Testing Schedule	: Monday, Thursday
Turnaround Time	: 3 - 4 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

TSH, Cord Blood

LIS Test Code	: 437704
Available in Profile	: ► 465299 Newborn Package
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Green Top PS Tube
Volume Required	: 3 mL (Green-Top PS Tube)
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Urea

LIS Test Code	: 408100
Available in Profile	: ► 466901 Renal Screen ► 489961 Renal Panel with eGFR (CKD-EPI 2021)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Urea Breath Test

LIS Test Code	: 445720
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 30 mins
Specimen Required	: Breath
Container/Tube	: Breath Bag
Volume Required	: Completely fill bag
Collection Instructions	: Please refer to 4.2.5 Urea Breath Test Collection for more collection details

Urea, 24hr Urine

LIS Test Code	: 408113
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container with 3.0 g Thymol Preservative
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Urea, Fluid

LIS Test Code	: 408097
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Urea, Urine

LIS Test Code	: 408136
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Uric Acid

LIS Test Code	: 408101
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Uric Acid, 24hr Urine

LIS Test Code	: 408114
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine collected within 24 hours
Container/Tube	: 24 hr Urine Container (No Preservative)
Volume Required	: Full Volume
Collection Instructions	: Collect in sterile container over 24 hours and cap tightly. Do not refrigerate / freeze when sending to the lab.

Uric Acid, Fluid

LIS Test Code	: 408142
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Body Fluid
Container/Tube	: Sterile Container
Volume Required	: 3 mL
Collection Instructions	: Collect in sterile container, cap tightly, send immediately.

Uric Acid, Urine

LIS Test Code	: 408099
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL / Pediatric: 3 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Urine Protein/Creatinine Ratio (UPCR)

LIS Test Code	: 404906
Profile Included	: <ul style="list-style-type: none">● Creatinine, Urine (Random)● Total Protein / Creatinine Ratio● Total Protein, Urine (Random)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: 20 mL
Collection Instructions	: Collect in sterile container and cap tightly. Do not refrigerate / freeze when sending to the lab.

Vitamin B12

LIS Test Code	: 428403
Available in Profile	: ► 466734 Anemia Screening
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Vitamin D (25Hydroxy)

LIS Test Code	: 400201
Available in Profile	: ► 466734 Anemia Screening
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Raffles **Diagnostica**

Your Trusted Partner for Health



HAEMATOLOGY TESTS



Activated Partial Prothrombin Time

LIS Test Code	: 426111
Available in Profile	: ► 423003 Coagulation Screen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Light Blue Top (3.2% Sodium Citrate)
Volume Required	: 2.7 mL
Remark	: Indicate if patient is on anticoagulant therapy. Send specimen to laboratory immediately.

Coagulation Screen

LIS Test Code	: 423003
Profile Included	: <ul style="list-style-type: none">● Prothrombin Time● International Normalised Ratio● Activated Partial Prothrombin Time
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Light Blue Top (3.2% Sodium Citrate)
Volume Required	: 2.7 mL
Remark	: Indicate if patient is on anticoagulant therapy. Send specimen to laboratory immediately.

Complete Blood Count

LIS Test Code	:	462101
Profile Included	:	<ul style="list-style-type: none">• White Blood Cell• Neutrophil % and Absolute Count• Lymphocytes % and Absolute Count• Monocytes % and Absolute Count• Eosinophils % and Absolute Count• Basophil % and Absolute Count• Red Blood Cell• Haemoglobin• Haematocrit (PCV)• Mean Cell Volume• Mean Cell Hb• Mean Cell Hb Conc• Red Cell Distribution Width• Platelets• Peripheral Blood Film (PBF)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Dengue Fever Profile

LIS Test Code	:	461502
Profile Included	:	<ul style="list-style-type: none">• Dengue NS1 Antigen• Dengue IgM• Dengue IgG• Full Blood Count
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Dengue IgM

LIS Test Code	: 445714
Available in Profile	: ► 461502 Dengue fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA) Alternative: Yellow Top / Red Top (Plain)
Volume Required	: 3 mL (EDTA) / 5 mL (Plain)

Dengue NS1 Antigen

LIS Test Code	: 490905
Available in Profile	: ► 462177 Dengue Profile 1 ► 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA) Alternative: Yellow Top / Red Top (Plain)
Volume Required	: 3 mL (EDTA) / 5 mL (Plain)

Dengue Profile 1

LIS Test Code	: 462177
Profile Included	: ● Dengue NS1 Antigen ● Complete Blood Count
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3mL

Dengue Screen (IgM & IgG)

LIS Test Code	: 445713
Profile Included	: ● Dengue IgM ● Dengue IgG
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA) Alternative: Yellow Top / Red Top (Plain)
Volume Required	: 3 mL (EDTA) / 5 mL (Plain)

Erythrocyte Sedimentation Rate

LIS Test Code	: 421700
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 minutes
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Full Blood Count

LIS Test Code	: 462100
Profile Included	: <ul style="list-style-type: none">• White Blood Cell• Neutrophil % and Absolute Count• Lymphocytes % and Absolute Count• Monocytes % and Absolute Count• Eosinophils % and Absolute Count• Basophil % and Absolute Count• Red Blood Cell• Haemoglobin• Haematocrit (PCV)• Mean Cell Volume• Mean Cell Hb & Mean Cell Hb Conc• Red Cell Distribution Width• Platelets
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA);
Volume Required	: 3 mL

Haematocrit

LIS Test Code	: 422902
Available in Profile	: <ul style="list-style-type: none">▶ 462100 Full Blood Count▶ 462101 Complete Blood Count▶ 462177 Dengue Profile 1▶ 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Haemoglobin

LIS Test Code	: 422901
Available in Profile	: <ul style="list-style-type: none">▶ 462100 Full Blood Count▶ 462101 Complete Blood Count▶ 462177 Dengue Profile 1▶ 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Haemoglobin Electrophoresis

LIS Test Code	: 423000
Profile Included	: <ul style="list-style-type: none">● Haemoglobin F● Haemoglobin A2● Haemoglobin A● Haemoglobin H
Testing Schedule	: Monday and Thursday
Turnaround Time	: 3 - 8 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Immunological Fecal Occult Blood

LIS Test Code	: 475702
Testing Schedule	: Monday - Saturday (Office hours)
Turnaround Time	: 1 day
Stat/Urgent	: N/A
Specimen Required	: Stool
Container/Tube	: Stool Cassette
Volume Required	: Sufficient stool to cover probe grooves
Collection Instructions	: Please refer to 4.2.4 Stool Cassette Collection for more collection details. In summary, <ol style="list-style-type: none">1. Remove the green cap by turning to the left.2. Collect the stool sample with the sampling probe by scraping from different areas of the stool of the faeces.3. Collect the amount enough to cover the groove of the probe without overfilling the sampling bottle.4. Insert the sampling probe to the collection device and tighten the cap. Do not repeat more than once.5. Shake the bottle up and down several times.

INR (INR, PT) (Prothrombin Time)

LIS Test Code	:	423010
Profile Included	:	● Prothrombin Time (PT) ● International Normalised Ratio (INR)
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Light Blue Top (3.2% Sodium Citrate)
Volume Required	:	2.7 mL
Remark	:	Indicate if patient is on anticoagulant therapy. Send specimen to laboratory immediately.

Malaria Parasite

LIS Test Code	:	424900
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Mean Cell Hemoglobin

LIS Test Code	:	425001
Available in Profile	:	▶ 462100 Full Blood Count ▶ 462101 Complete Blood Count ▶ 462177 Dengue Profile 1 ▶ 461502 Dengue Fever Profile
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Mean Cell Hemoglobin Concentration

LIS Test Code	: 425002
Available in Profile	: <ul style="list-style-type: none">▶ 462100 Full Blood Count▶ 462101 Complete Blood Count▶ 462177 Dengue Profile 1▶ 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Mean Cell Volume

LIS Test Code	: 425000
Available in Profile	: <ul style="list-style-type: none">▶ 462100 Full Blood Count▶ 462101 Complete Blood Count▶ 462177 Dengue Profile 1▶ 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Microfilaria

LIS Test Code	: 424901
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL
Collection Instructions	: <ol style="list-style-type: none">1. Certain species of the microfilariae have a nocturnal periodicity, and the blood specimen is best taken between 10 pm and 2 am.2. Send specimen to laboratory immediately.

Peripheral Blood Film (PBF)

LIS Test Code	: 426102
Available in Profile	: ► 462101 Complete Blood Count
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Platelets

LIS Test Code	: 426103
Available in Profile	: ► 462100 Full Blood Count ► 462101 Complete Blood Count ► 462177 Dengue Profile 1 ► 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

Platelets (Citrated)

LIS Test Code	: 426133
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Light Blue Top (3.2% Sodium Citrate)
Volume Required	: 2.7 mL

Prothrombin Time

LIS Test Code	: 426110
Available in Profile	: ► 423010 INR (INR,PT) ► 423003 Coagulation Screen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Light Blue Top (3.2% Sodium Citrate)
Volume Required	: 2.7 mL
Remark	: Indicate if patient is on anticoagulant therapy. Send specimen to laboratory immediately.

Red Blood Cell

LIS Test Code	:	427701
Available in Profile	:	▶ 462100 Full Blood Count ▶ 462101 Complete Blood Count ▶ 462177 Dengue Profile 1 ▶ 461502 Dengue Fever Profile
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Red Cell Distribution Width

LIS Test Code	:	468848
Available in Profile	:	▶ 462100 Full Blood Count ▶ 462101 Complete Blood Count ▶ 462177 Dengue Profile 1 ▶ 461502 Dengue Fever Profile
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Reticulocytes

LIS Test Code	:	426901
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL

Total Bilirubin (Neonatal)

LIS Test Code	: 400501
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood / Arterial Blood
Container/Tube	: Capillary Tubes (100uL each)
Volume Required	: 200 uL
Collection Instructions	: Keep the specimen in a dark-colored (amber) container or a clear white container that should be immediately wrapped in aluminum foil following the blood collection. Protect sample from light and send to laboratory immediately. This is essential as it otherwise will result in a falsely lowered bilirubin level.

WBC Differential Count

LIS Test Code	: 421301
Profile Included	: Differential Count (%): <ul style="list-style-type: none"> ● Neutrophil % ● Lymphocytes % ● Monocytes % ● Eosinophils % ● Basophil % Absolute Count: <ul style="list-style-type: none"> ● Neutrophil Absolute ● Lymphocytes Absolute ● Monocytes Absolute ● Eosinophils Absolute ● Basophil Absolute
Available in Profile	: <ul style="list-style-type: none"> ▶ 462100 Full Blood Count ▶ 462101 Complete Blood Count ▶ 462177 Dengue Profile 1 ▶ 461502 Dengue Fever Profile
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Purple Top (EDTA)
Volume Required	: 3 mL

White Blood Cell

LIS Test Code	:	427702
Available in Profile	:	▶ 462100 Full Blood Count ▶ 462101 Complete Blood Count ▶ 462177 Dengue Profile 1 ▶ 461502 Dengue Fever Profile
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Blood
Container/Tube	:	Purple Top (EDTA)
Volume Required	:	3 mL
Collection Instructions	:	1. Follow correct order of draw and send whole blood specimen to the laboratory immediately. 2. Gently Invert the tubes at least 8 times to ensure adequate mixing of anticoagulant.



IMMUNOLOGY & SEROLOGY TESTS



Anti-dsDNA

LIS Test Code	: 468836
Testing Schedule	: Tuesday and Friday
Turnaround Time	: 2 - 5 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-EBV EA+EBNA-1 IgA

LIS Test Code	: 470200
Testing Schedule	: Monday to Friday
Turnaround Time	: 1 - 3 days
Stat/Urgent	: 1 day
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-HAV, Total

LIS Test Code	: 442929
Available in Profile	: ► 463001 Hepatitis A & B Screen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-HBc, Total

LIS Test Code	: 442934
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-Hbe

LIS Test Code	: 442937
Available in Profile	: ► 442946 Hepatitis Be Screen (HBe Ab & Ag)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-HCV, Total

LIS Test Code	: 442938
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Anti-Nuclear Antibody

LIS Test Code	: 468835
Testing Schedule	: Tuesday and Friday
Turnaround Time	: 2 - 10 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Hbe Antigen

LIS Test Code	: 442936
Available in Profile	: ► 442946 Hepatitis Be Screen (HBe Ab & Ag)
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

HBs Antibody

LIS Test Code	: 442932
Available in Profile	: ► 442933 Hepatitis B Screen ► 463001 Hepatitis A & B Screen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

HBs Antigen

LIS Test Code	: 442931
Available in Profile	: ► 442933 Hepatitis B Screen ► 463001 Hepatitis A & B Screen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Hepatitis A & B Screen

LIS Test Code	: 463001
Profile Included	: ● Anti-HAV, Total ● HBs Antigen ● HBs Antibody
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Hepatitis B Screen (Hbs Ab & Ag)

LIS Test Code	: 442933
Profile Included	: ● HBs Antigen ● HBs Antibody
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Hepatitis Be Screen (HBe Ab & Ag)

LIS Test Code	: 442946
Profile Included	: <ul style="list-style-type: none">• Anti-HBe• HBe Antigen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Herpes Type I IgG

LIS Test Code	: 447231
Available in Profile	: ► 447332 Herpes Type I & II IgG
Testing Schedule	: Wednesday
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Herpes Type II IgG

LIS Test Code	: 447331
Available in Profile	: ► 447332 Herpes Type I & II IgG
Testing Schedule	: Wednesday
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Herpes Types I and II IgG

LIS Test Code	: 447332
Profile Included	: <ul style="list-style-type: none">• Herpes Type I IgG• Herpes Type II IgG
Testing Schedule	: Wednesday
Turnaround Time	: 5 - 6 days
Stat/Urgent	: Not Applicable
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

HIV Antigen & Antibody

LIS Test Code	: 447379
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: 2 x Yellow Top / Red Top (Plain)
Volume Required	: 2 x 6 mL (Plain)

Measles Virus IgG

LIS Test Code	: 475706
Testing Schedule	: Monday to Friday
Turnaround Time	: 2 - 4 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Mumps Virus IgG

LIS Test Code	: 445105
Testing Schedule	: Thursday
Turnaround Time	: 1 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Rubella IgG Antibody

LIS Test Code	: 468853
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour 30 mins
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 6 mL (Plain)

Treponemal Antibodies (ECLIA)

LIS Test Code	: 447384
Profile Included	Syphilis Screening - <ul style="list-style-type: none">● Initial screening with ECLIA.▶ If CIA is reactive, reflex testing to RPR.▶ If RPR is Non-Reactive, reflex testing to TPHA for confirmation.
Testing Schedule	Daily
Turnaround Time	1 day
Stat/Urgent	1 hour 30 mins
Specimen Required	Blood
Container/Tube	Yellow Top / Red Top (Plain)
Volume Required	6 mL (Plain)

Varicella Zoster Virus IgG

LIS Test Code	: 448710
Testing Schedule	Monday and Thursday
Turnaround Time	3 - 5 days
Stat/Urgent	N/A
Specimen Required	Blood
Container/Tube	Yellow Top / Red Top (Plain)
Volume Required	6 mL (Plain)

Raffles **Diagnostica**

Your Trusted Partner for Health



MICROBIOLOGY & MOLECULAR TESTS



Amphetamines/Metamphetamines, Urine

LIS Test Code	: 481307
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Barbiturates, Urine

LIS Test Code	: 481309
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Benzodiazepines, Urine

LIS Test Code	: 481308
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Blood Culture Identification Panel PCR (BioFire FilmArray)

LIS Test Code : 469800

Profile Included : Gram Positive Bacteria:

- Enterococcus faecalis
- Enterococcus faecium
- Listeria monocytogenes
- Staphylococcus spp.
- Staphylococcus aureus
- Staphylococcus epidermidis
- Staphylococcus lugdunensis
- Streptococcus spp.
- Streptococcus agalactiae (Group B)
- Streptococcus pneumoniae
- Streptococcus pyogenes (Group A)

Gram Negative Bacteria:

- Acinetobacter calcoaceticus-baumannii complex
- Bacteroides fragilis
- Enterobacterales
- Enterobacter cloacae complex
- Escherichia coli
- Klebsiella aerogenes
- Klebsiella oxytoca
- Klebsiella pneumoniae group
- Proteus spp.
- Salmonella spp.
- Serratia marcescens
- Haemophilus influenzae
- Neisseria meningitidis
- Pseudomonas aeruginosa
- Stenotrophomonas maltophilia

Yeast:

- Candida albicans
- Candida auris
- Candida glabrata
- Candida krusei
- Candida parapsilosis
- Candida tropicalis
- Cryptococcus neoformans/gattii

Antimicrobial Resistance Genes:

- CTX-M
 - IMP
 - KPC
 - mcr-1
 - mecA/C
 - mecA/C and MREJ (MRSA)
 - NDM
 - OXA-48-like
-

		<ul style="list-style-type: none"> • vanA/B • VIM
Turnaround Time	:	1 day
Stat/Urgent	:	3 - 6 hours
Specimen Required	:	Blood culture
Container/Tube	:	Blood culture bottle
Volume Required	:	1 mL
Collection Instructions	:	Test can only be added within 24 hours after positive bottle indication by a blood culture system.

Cannabis, Urine

LIS Test Code	:	481311
Testing Schedule	:	Daily
Turnaround Time	:	1 day
Stat/Urgent	:	1 hour
Specimen Required	:	Urine
Container/Tube	:	2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	:	2 x 20 mL
Collection Instructions	:	Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Chlamydia Trachomatis PCR

LIS Test Code	:	441297
Available in Profile	:	► 441299 CTNG PCR
Testing Schedule	:	Monday and Thursday
Turnaround Time	:	1 - 4 days
Stat/Urgent	:	N/A
Specimen Required	:	Urine / Genital Swab
Container/Tube	:	Urine: Sterile Urine Container Swab: Cobas PCR Media Tube
Volume Required	:	3 mL
Collection Instructions	:	<ol style="list-style-type: none"> 1. First-catch urine is the recommended sample type for men while vaginal swab is recommended for women. 2. Vaginal lubricants may interfere with the test and should not be used during or prior to sample collection. 3. Place the swab into the Cobas PCR Media Tube after sampling. 4. Break the swab shaft at the scoreline and cap the media tube tightly.

Clostridioides (formerly Clostridium) Difficile Antigen

LIS Test Code	: 470905
Profile Included	: <ul style="list-style-type: none"> • Clostridioides Difficile Toxins A & B • Glutamate Dehydrogenase
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: Minimum 1 mL of watery, diarrhea stool
Collection Instructions	: Specimen should be collected within 24 hours of symptom onset. ⚠ ONLY diarrhea stools should be tested instead of formed stools.

Clostridioides (formerly Clostridium) Difficile PCR

LIS Test Code	: 470910
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Partially formed or unformed stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g / 5 mL (liquid stool)
Collection Instructions	: <ol style="list-style-type: none"> 1. Use the interior spoon to collect at least 1 teaspoon of poop to put in the sterile container. 2. The faeces should be liquid or semi-formed. 3. Stool mixed with transport media, preservative or urine is unsuitable for testing.

Cocaine, Urine

LIS Test Code	: 481310
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 x 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Cotinine, Urine

LIS Test Code	: 481350
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

COVID-19 PCR

LIS Test Code	: 414881
Testing Schedule	: Daily
Turnaround Time	: 8 hours
Stat/Urgent	: 3 hours
Specimen Required	: Nasopharyngeal or Nasal Swab
Container/Tube	: Universal Transport Medium (UTM)
Volume Required	: 3 mL
Collection Instructions	: 1. Insert the flocked swab into either nostril or the posterior nasopharynx. 2. Rotate swab by firmly brushing against the nostril or nasopharynx several times. 3. Remove and place the swab into the tube containing 3 mL of universal transport medium. 4. Break swab at the indicated break line and cap the specimen tube tightly.

CTNG PCR

LIS Test Code	: 441299
Profile Included	: <ul style="list-style-type: none"> ● Chlamydia Trachomatis PCR ● Neisseria Gonorrhoeae PCR
Testing Schedule	: Monday and Thursday
Turnaround Time	: 1 - 4 days
Stat/Urgent	: N/A
Specimen Required	: Urine / Genital Swab
Container/Tube	: Urine: Sterile Urine Container Swab: Cobas PCR Media Tube
Volume Required	: 3 mL
Collection Instructions	: <ol style="list-style-type: none"> 1. First-catch urine is the recommended sample type for men while vaginal swab is recommended for women. 2. Vaginal lubricants may interfere with the test and should not be used during or prior to sample collection. 3. Place the swab into the Cobas PCR Media Tube after sampling. 4. Break the swab shaft at the scoreline and cap the media tube tightly.

Culture & Sensitivity (Aerobic & Anaerobic)

LIS Test Code	: 457309
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Tissues (Biopsy) / BAL / Nasal / Miscellaneous anatomies [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab / Sterile Container
Volume Required	: 1 swab / Minimum 5 mL for Fluids / As much as possible for tissue biopsies
Collection Instructions	: Collect specimen with sterile swab with transport medium or in a sterile screw capped container depending on the source of culture.

Culture, Blood (Aerobic & Anaerobic)

LIS Test Code	: 450500
Testing Schedule	: Daily
Turnaround Time	: 5 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Blood Culture
Container/Tube	: Blood culture bottle: BacT/Alert FA plus (Green) / BacT/Alert FN plus (Orange) / BacT/Alert PF plus (Yellow)
Volume Required	: Aerobic bottle (Green): 10 mL Anaerobic bottle (Orange): 10 mL Paediatric bottle (Yellow): 5 mL
Collection Instructions	: Collect aerobic bottle first followed by anerobic bottle. DO NOT paste over any barcode on the blood culture bottles.

Culture, Body Fluid

LIS Test Code	: 457211
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Body fluids / Synovial aspirates [△ Pls indicate source clearly.]
Container/Tube	: Sterile Container
Volume Required	: 5 mL
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles if requesting more tests

Culture, CSF

LIS Test Code	: 457216
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: CSF
Container/Tube	: Sterile Container
Volume Required	: 1 - 3 mL
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles if requesting more tests

Culture, Ear

LIS Test Code	: 457221
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Ear / ear canal / auricle / pinna [⚠ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: 1. Gently clean the external ear canal to remove any debris or crust. 2. Insert sterile swab into the ear canal and gently rotated to collect a sample. 3. Immediately place swab into a transport medium.

Culture, Environmental

LIS Test Code	: 457223
Testing Schedule	: Daily
Turnaround Time	: 7 days
Stat/Urgent	: N/A
Specimen Required	: Flush fluid from Endoscope, Gastroscope [⚠ Pls indicate source clearly.]
Container/Tube	: 2 x 50 mL Sterile conical tubes
Volume Required	: 2 x 50 mL
Collection Instructions	: 1. Collect water samples from equipment into two 50 mL conical tubes. 2. Label clearly on both tubes the name of equipment and serial number.

Culture, Eye

LIS Test Code	: 457222
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Eye / Eyelid / Conjunctiva / Cornea [⚠ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab # Media plates for eye / cornea scrapings (collect plates/broth from Microbiology Lab)
Volume Required	: 1 swab
Collection Instructions	: 1. Gently pull down the lower eyelid to expose the conjunctival tissue, the lining of the inner eyelid. 2. Carefully rotate the swab over the infected area 2 - 3 times, avoiding contact with the cornea. 3. Immediately place swab into a transport medium.

Culture, HVS

LIS Test Code	: 457231
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: HVS / LVS / Vaginal swab [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: Collect secretions from the mucosal wall high in the vaginal area (near the cervical area) with swab.

Culture, LVS for GBS

LIS Test Code	: 457234
Testing Schedule	: Daily
Turnaround Time	: 2 - 5 days
Stat/Urgent	: N/A
Specimen Required	: LVS / HVS / Vaginal swab [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: Collect specimen at 35 to 37 weeks' gestation. Insert sterile swab 1 to 2 cm into the lower entrance of the vagina and collect secretions.

Culture, Pus

LIS Test Code	: 457232
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Pus from wound / Carbuncle / Furuncle / Cyst / Abscess / Respiratory pus [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab / Sterile Container
Volume Required	: 1 swab / Minimum 1 mL pus or abscess fluids
Collection Instructions	: 1. Collect pus and abscess fluids directly into sterile container using a sterile syringe. Or 1. If wound has minimal exudate, moisten a sterile swab with sterile saline and gently swab the deepest part of the wound, soaking the swab with pus. 2. Immediately place swab into a transport medium.

Culture, Semen

LIS Test Code	: 457241
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Semen
Container/Tube	: Sterile Container
Volume Required	: 2 mL
Collection Instructions	: Ejaculate semen directly into sterile container. In some cases, a special non spemicidal condom may be used to collect the semen (place into sterile container for transport.)

Culture, Sputum

LIS Test Code	: 457242
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Sputum
Container/Tube	: Sterile Container
Volume Required	: 2 mL
Collection Instructions	: Collect early-morning fresh specimens from deep cough / sputum induction. Do not send saliva.

Culture, Stool

LIS Test Code	: 457243
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Collect sample prior to any antimicrobial treatment. (*Rectal/anal swab have lower sensitivity than stool specimens for faecal pathogens.)

Culture, Throat

LIS Test Code	: 457251
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Throat
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: Sweep the sterile swab across the posteri/ pharynx, tonsillar areas and any inflamed / ulcerated area to obtain sample. Avoid touching the cheeks, tongue, uvula / lips.

Culture, Typhoid (Stool & Urine)

LIS Test Code	: 457312
Testing Schedule	: Daily
Turnaround Time	: 2 - 5 days
Stat/Urgent	: N/A
Specimen Required	: Stool / Urine
Container/Tube	: Sterile Containers for stool and urine
Volume Required	: Stool: 10 g (Min. 3 scoops) / 5 mL (liquid stool) Urine: 20 mL
Collection Instructions	: Collect sample prior to any antimicrobial treatment. Stool & Urine send on same day. (*Rectal/anal swab have lower sensitivity than stool specimens for faecal pathogens.)

Culture, Typhoid (Stool)

LIS Test Code	: 457377
Testing Schedule	: Daily
Turnaround Time	: 2 - 5 days
Stat/Urgent	: N/A
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Collect sample prior to any antimicrobial treatment. (*Rectal/anal swab have lower sensitivity than stool specimens for faecal pathogens.)

Culture, Urethral

LIS Test Code	: 457261
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Urethral swab
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: 1. Moisten sterile swab with sterile saline and gently inserted 2 - 3 cm into the urethra. 2. Gently rotate swab once or twice to collect cells and fluid. 3. Immediately place swab into a transport medium.

Culture, Urine

LIS Test Code	: 457262
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL (Mid-stream urine) Paediatric: 3 mL
Collection Instructions	: Indicate method of urine collection: Mid-stream, clean catch, catheterized, nephrostomy, others. Clean the genital area with clean water first. Do NOT use detergents / disinfectants. (*No add-on urine culture after more than 4 hours from time of collection.)

Culture, Wound

LIS Test Code	: 457271
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Wound swab [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: 1. Use sterile normal saline to clean / wash off any surface debris (this will also remove colonising flora). 2. Blot off excess saline with sterile gauze. 3. Use sterile swab and rotate the tip of swab over the open wound.

Drug & Alcohol Screen Panel 3 (10+1)

LIS Test Code	: 481331
Profile Included	: <ul style="list-style-type: none">• Alcohol• Cocaine• Cannabis• Opiates• Amphetamines/Methamphetamines• Phencyclidine• Benzodiazepines• Barbiturates• Methadone• Methaqualone• Propoxyphene
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Drug Screen Panel 1, Urine (7 Drugs)

LIS Test Code	: 481302
Profile Included	: <ul style="list-style-type: none">• Cocaine• Cannabis• Opiates• Amphetamines/Methamphetamines• Phencyclidine• Benzodiazepines• Barbiturates
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Drug Screen Panel 2, Urine (10 Drugs)

LIS Test Code	: 481330
Profile Included	: <ul style="list-style-type: none">• Cocaine• Cannabis• Opiates• Amphetamines/Methamphetamines• Phencyclidine)• Benzodiazepines• Barbiturates• Methadone• Methaqualone• Propoxyphene
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Ecstasy, Urine

LIS Test Code	: 481373
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Gastrointestinal Panel PCR (QIAstat-Dx)

LIS Test Code	: 469600
Profile Included	: Bacteria: <ul style="list-style-type: none"> ● Campylobacter spp. ● Clostridium difficile toxin A/B ● Enteraggregative E. coli (EAEC) ● Enteroinvasive E. coli (EIEC) / Shigella ● Enteropathogenic E. coli (EPEC) ● Enterotoxigenic E. coli (ETEC) lt/st ● Salmonella spp. ● Shiga-like toxin-producing E. coli (STEC) stx1 / stx2 ● STEC E. coli O157:H7 ● Vibrio cholerae ● Vibrio parahaemolyticus ● Vibrio vulnificus ● Plesiomonas shigelloides ● Yersinia enterocolitica Viruses: <ul style="list-style-type: none"> ● Adenovirus F40/41 ● Astrovirus ● Norovirus GI/GII ● Rotavirus A ● Sapovirus Parasites: <ul style="list-style-type: none"> ● Cryptosporidium spp. ● Cyclospora cayetanensis ● Entamoeba histolytica ● Giardia lamblia
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 3 - 6 hours
Specimen Required	: Partially formed or unformed stool
Container/Tube	: Sterile Stool Container
Volume Required	: Quarter full
Collection Instructions	: 1. Use the interior spoon to collect at least 1 teaspoon of poop to put in the sterile container. 2. The faeces should be liquid or semi-formed.

Gram Stain

LIS Test Code	: 457325
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Body fluid / Tissue / Sputum / BAL / Pus / Abscess / Wound [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab / Sterile Container
Volume Required	: 1 swab / Minimum 3 mL for Fluids
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles or swabs if requesting more tests

Helicobacter Pylori Antibody IgG

LIS Test Code	: 469015
Testing Schedule	: Monday – Saturday (Office hours)
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 3 - 6 mL

Identification for Scabies

LIS Test Code	: 439051
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Skin scrapings [△ Pls indicate source clearly.]
Container/Tube	: Sterile Container
Volume Required	: Multiple skin scrapings
Collection Instructions	: Gently scrape skin from affected areas (fresh, unexcoriated burrow or papule) into sterile container.

Legionella Pneumophila Antigen

LIS Test Code	: 470120
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: 2 mL

Methadone, Urine

LIS Test Code	: 481315
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Methaqualone, Urine

LIS Test Code	: 481324
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Monotest

LIS Test Code	: 445761
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 3 - 6 mL

MRSA PCR Screening

LIS Test Code	: 414461
Turnaround Time	: 2 - 3 days
Stat/Urgent	: 3 hours
Specimen Required	: Nasal / Axilla / Groin
Container/Tube	: Pink eSwab
Volume Required	: 1 pink eSwab
Collection Instructions	: <ol style="list-style-type: none">1. Use 1 White swab to swab both nostrils (rotate gently in each nostril).2. Use 1 Pink swab to swab the axilla and groin areas.3. After collection, insert and break both swabs into the liquid Amies tube, ensuring the swab tips are fully immersed in the medium.4. Submit as one request.

MRSA Screening (Blue swab with gel)

LIS Test Code	: 457330
Testing Schedule	: Daily
Turnaround Time	: 2 - 3 days
Stat/Urgent	: N/A
Specimen Required	: Nasal / Axilla / Groin / Pharynx [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab
Volume Required	: 1 swab
Collection Instructions	: If Nasal: <ul style="list-style-type: none">• Insert swab less than 1 inch (≈2 cm) into the nostril, parallel to the palate (not upwards), until resistance is met at the turbinates. Rotate several times against the nasal wall, then repeat in the other nostril using the same swab. If Axilla / Groin / Pharynx: <ul style="list-style-type: none">• Use swab to collect samples from axilla, groin, or pharyngeal regions as required. If both nasal and other sites are collected: <ul style="list-style-type: none">• Please use separate swabs for nasal and other sites, and submit them as different requests.

Mycoplasma Pneumoniae Antibody IgM

LIS Test Code	: 445753
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Blood
Container/Tube	: Yellow Top / Red Top (Plain)
Volume Required	: 3 - 6 mL

Neisseria Gonorrhea Culture

LIS Test Code	: 457311
Testing Schedule	: Daily
Turnaround Time	: 2 - 7 days
Stat/Urgent	: N/A
Specimen Required	: Vagina / Urethral / Endocervical / Rectal / Urine [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab / Sterile Container
Volume Required	: 1 swab / Minimum 3 mL urine
Collection Instructions	: 1. Swab genital area thoroughly. 2. Place swab immediately into transport media. 3. Send specimen to the lab IMMEDIATELY after collection.

Neisseria Gonorrhoeae PCR

LIS Test Code	: 441298
Available in Profile	: ► 441299 CTNG PCR
Testing Schedule	: Monday and Thursday
Turnaround Time	: 1 - 4 days
Stat/Urgent	: N/A
Specimen Required	: Urine / Genital Swab
Container/Tube	: Urine: Sterile Urine Container Swab: Cobas PCR Media Tube
Volume Required	: 3 mL
Collection Instructions	: 1. First-catch urine is the recommended sample type for men while vaginal swab is recommended for women. 2. Vaginal lubricants may interfere with the test and should not be used during or prior to sample collection. 3. Place the swab into the Cobas PCR Media Tube after sampling. 4. Break the swab shaft at the scoreline and cap the media tube tightly.

Norovirus Antigen

LIS Test Code	: 400220
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Specimen should be collected within 72 hours of symptom onset.

Opiates, Urine

LIS Test Code	: 481312
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 x 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

pH Body Fluid

LIS Test Code	: 468916
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Body fluids / Synovial aspirates [**PIs indicate source clearly.]
Container/Tube	: Sterile Container
Volume Required	: 5 mL
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles if requesting any extra tests

Phencyclidine, Urine

LIS Test Code	: 481314
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 x 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Pinworm Screening

LIS Test Code	: 457389
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Anus area
Container/Tube	: Cellophane tape collection kit <i>(Please contact Lab for kit)</i>
Volume Required	: 1 Cellophane tape collection kit.
Collection Instructions	: Press the sticky side of the tape to the skin around the anus, especially first thing in the morning, before wiping or bathing, to pick up any eggs that may be present.

Pneumonia Panel PCR (BioFire FilmArray)

LIS Test Code	: 469700
Profile Included	: <div> Bacteria: <ul style="list-style-type: none"> ● Acinetobacter calcoaceticus-baumannii complex ● Enterobacter cloacae complex ● Escherichia coli ● Haemophilus influenzae ● Klebsiella aerogenes ● Klebsiella oxytoca ● Klebsiella pneumoniae group ● Moraxella catarrhalis ● Proteus spp. ● Pseudomonas aeruginosa ● Serratia marcescens ● Staphylococcus aureus ● Streptococcus agalactiae (Group B) ● Streptococcus pneumoniae ● Streptococcus pyogenes (Group A) Atypical Bacteria: <ul style="list-style-type: none"> ● Chlamydia pneumoniae ● Legionella pneumophila ● Mycoplasma pneumoniae Viruses: <ul style="list-style-type: none"> ● Adenovirus ● Coronavirus (229E, OC43, HKU1, NL63) ● Human Metapneumovirus ● Human Rhinovirus/Enterovirus ● Influenza A ● Influenza B ● Parainfluenza Virus ● Respiratory Syncytial Virus Antimicrobial Resistance Genes: <ul style="list-style-type: none"> ● CTX-M ● IMP ● KPC </div>

	<ul style="list-style-type: none"> • mecA/C and MREJ (MRSA) • NDM • OXA-48-like • VIM
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 3 - 6 hours
Specimen Required	: Sputum / Brochoalveolar lavage (BAL) / Endotracheal aspirates (ETT)
Container/Tube	: Sterile Container
Volume Required	: 2 mL
Collection Instructions	: Collect at least 2 mL of sample in a sterile container.

Pregnancy Test, Urine

LIS Test Code	: 478100
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: 20 mL
Collection Instructions	: Collect from First morning urine (mid-stream). Samples should not be collected after surgery, in the presence of urinary tract infection, during acute illness, during/after acute fluid load.

Propoxyphene, Urine

LIS Test Code	: 481326
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 x 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Respiratory Panel PCR (QIAstat-Dx)

LIS Test Code	: 469500
Profile Included	: Viruses: <ul style="list-style-type: none"> ● Adenovirus ● Bocavirus ● Coronavirus 229E ● Coronavirus HKU1 ● Coronavirus NL63 ● Coronavirus OC43 ● Human Metapneumovirus A+B ● Influenza A ● Influenza A H1 ● Influenza A H1N1 pdm09 ● Influenza A H3 ● Influenza B ● Parainfluenza Virus 1 ● Parainfluenza Virus 2 ● Parainfluenza Virus 3 ● Parainfluenza Virus 4 ● Respiratory Syncytial Virus A+B ● Rhinovirus/Enterovirus ● SARS-CoV-2 Bacteria: <ul style="list-style-type: none"> ● Bordetella pertussis ● Chlamydomphila pneumoniae ● Legionella pneumophila ● Mycoplasma pneumoniae
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 3 - 6 hours
Specimen Required	: Nasopharyngeal or Nasal Swab
Container/Tube	: Universal Transport Medium (UTM)
Volume Required	: 3 mL
Collection Instructions	: <ol style="list-style-type: none"> 1. Insert the flocked swab into either nostril or the posterior nasopharynx. 2. Rotate swab by firmly brushing against the nostril or nasopharynx several times. 3. Remove and place the swab into the tube containing 3 mL of universal transport medium. 4. Break swab at the indicated break line and cap the specimen tube tightly.

Rotavirus Antigen

LIS Test Code	: 476901
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Stool should be collected best at 1 - 4 days of symptom onset; within 8 days.

Seminal Analysis

LIS Test Code	: 417301
Profile Included	: <ul style="list-style-type: none"> • Collection Time • Processed Time • Abstinence • Ejaculate Appearance • Ejaculate Liquefaction • pH • Viscosity • Volume • Leucocyte • Round Cells • Agglutination Type • Agglutination Grade • Sperm Count • Rapid Motility • Sluggish Motility • In-situ Motility • Immotile • Total Progressive Motility • Sperm Vitality • Normal Morphology • Classification • Comment
Testing Schedule	: Monday to Friday: Before 3:00 PM Saturday: Before 12:00 PM
Turnaround Time	: 1 day
Stat/Urgent	: 4 hours
Specimen Required	: Semen
Container/Tube	: Sterile Container
Volume Required	: Collect all ejaculates.
Collection Instructions	: Ejaculate semen directly into sterile container. In some cases, a special non spemicidal condom may be used to collect the semen (place into sterile container for transport.) Please indicate the following information: - Time of collection

- Days of abstinence
Specimen MUST reach laboratory within 1 hour; ideally within 10 - 20 minutes after collection

Smear for AFB (Acid fast Bacilli)

LIS Test Code	: 457373
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Sputum / BAL / Aspirates / Body fluids / Tissue (Biopsy) / Laryngeal swab [△ Pls indicate source clearly.]
Container/Tube	: Sterile Container / Blue Gel Swab
Volume Required	: Minimum 3 mL for Fluids / 1 swab
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles if requesting AFB/TB culture or PCR

Smear for Amoeba

LIS Test Code	: 457374
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Stool / Abscess / Body fluids / Aspirates
Container/Tube	: Sterile Container
Volume Required	: Minimum 3 mL for Fluids / 10 g stool / 5 mL (liquid stool)
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect sample prior to any antimicrobial treatment.

Smear for Fungus

LIS Test Code	: 457375
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours - longer for nail
Specimen Required	: Skin scrapings / Nail / Body fluids / Vaginal swab [△ Pls indicate source clearly.]
Container/Tube	: Skin scraping in-between two slides in slide transport container / Sterile Container / Blue Gel Swab
Volume Required	: 1 swab / Minimum 5 mL for Fluids / Multiple skin scrapings or nail clippings
Collection Instructions	: 1. Preclean the affected skin area with sterile saline/ 70% alcohol. 2. Scrape with blunt scalpel. 3. Collect scrapings in Sterile Screw containers / sandwiched between 2 slides taped together. 4. Collect multiple bottles if requesting Fungal culture.

Smear for Trichomonas, Monilia & GC

LIS Test Code	: 457376
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: HVS / LVS / Genital swab / Urine [△ Pls indicate source clearly.]
Container/Tube	: Blue Gel Swab / Sterile Container (if urine)
Volume Required	: 1 swab / 20 mL urine
Collection Instructions	: Collect secretions from the mucosal wall high in the vaginal area (near the cervical area) with swab.

Stool Calprotectin

LIS Test Code	: 470100
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Stool samples should be collected after stopping medications belonging to proton-pump inhibitors for 2 weeks before test. Stool mixed with transport media, preservative or urine is unsuitable for testing.

Stool FEME (Ova, Amoeba, Cysts)

LIS Test Code	: 472102
Ordering Notes	: This test does not rule out the presence of cryptosporidium, cyclospora and microsporidia.
Profile Included	: <ul style="list-style-type: none"> ● Colour ● Form ● Ova ● Cyst ● Amoeba ● Others
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 2 hours
Specimen Required	: Stool
Container/Tube	: Sterile Stool Container
Volume Required	: 10 g (Min. 3 scoops) / 5 mL (liquid stool)
Collection Instructions	: Collect sample prior to any antimicrobial treatment. Unpreserved liquid or soft stool specimen should be send to the lab within 1 hour post collection.

Streptococcus Pneumoniae Antigen

LIS Test Code	: 470110
Turnaround Time	: 1 day
Stat/Urgent	: 3 hours
Specimen Required	: Urine / CSF
Container/Tube	: Sterile Urine Container
Volume Required	: 2 mL
Collection Instructions	: Collect urine or CSF specimen in a sterile container without preservative.

Synovial fluid, Crystal

LIS Test Code	: 410501
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Synovial Fluid [**Pls indicate source clearly.]
Container/Tube	: Sterile Container
Volume Required	: 5 mL
Collection Instructions	: Collect specimen in Sterile Screw capped containers. Collect multiple bottles if requesting any extra tests

Tricyclic Antidepressant, Urine

LIS Test Code	: 481356
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 × Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 × 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Urine Drug Test (5 Drugs)

LIS Test Code	: 481362
Profile Included	: <ul style="list-style-type: none"> • Cocaine • Cannabis • Opiates • Amphetamines/Methamphetamines • Phencyclidine
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: 2 x Sterile Urine Containers sealed with anti-tamper tape
Volume Required	: 2 x 20 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Apply the tamper-proof seal.

Urine FEME

LIS Test Code	: 472100
Profile Included	: <ul style="list-style-type: none"> • pH • S.G. • Protein • Leucocytes • Glucose • Ketones • Nitrite • Blood • Bilirubin • Urobilinogen • Red Blood Cells • White Blood Cells • Epithelial Cells • Casts • Crystals • Others
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL (Mid-stream urine) Paediatric: 3 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. ⊘ Specimens should NOT be collected for menstruating female patients.

Urine Macroscopy (Dipstick)

LIS Test Code	: 472103
Profile Included	: <ul style="list-style-type: none"> • pH • S.G. • Protein • Leucocytes • Glucose • Ketones • Nitrite • Blood • Bilirubin • Urobilinogen
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL (Mid-stream urine) Paediatric: 3 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. ⊘ Specimens should NOT be collected for menstruating female patients.

Urine Phase Contrast (Isomorphic, Dysmorphic RBC)

LIS Test Code	: 471600
Profile Included	: <ul style="list-style-type: none"> • Dysmorphic RBC • Isomorphic RBC
Testing Schedule	: Daily
Turnaround Time	: 1 day
Stat/Urgent	: 1 hour
Specimen Required	: Urine
Container/Tube	: Sterile Urine Container
Volume Required	: Adult: 20 mL (Mid-stream urine) Paediatric: 3 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine in a sterile container. Specimens should not be collected after surgery, in the presence of urinary tract infection, during acute illness, during/after acute fluid load. Specimens should NOT be collected for menstruating female patients.

VRE Screening

LIS Test Code	:	457236
Testing Schedule	:	Daily
Turnaround Time	:	2 - 5 days
Stat/Urgent	:	N/A
Specimen Required	:	Rectal / Rectum / Anus / Anal swab [⚠ Pls indicate source clearly.]
Container/Tube	:	Blue Gel Swab
Volume Required	:	1 swab
Collection Instructions	:	1. Pass the tip of a sterile swab approximately 2.5 cm beyond the sphincter. 2. Rotate the swab and then withdraw it. 3. Place swab in transport medium.

Raffles **Diagnostica**

Your Trusted Partner for Health



CYTOLOGY TESTS



Cyto Chemistry Stain

LIS Test Code	: 410986/410987
Ordering Notes	: For 1 stain, use test code 410986. For 2 stains, use test code 410987.
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Body fluid
Container/Tube	: Sterile container

External Cytology Slides for Second Consultation

LIS Test Code	: 410982/410983/410984/410985
Ordering Notes	: For 1–2 slides, use test code 410984. For 3–4 slides, use test code 410985. For 5–6 slides, use test code 410986. For 7–8 slides, use test code 410987.
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days

FNA/Smears/Brushing

LIS Test Code	:	410921/410922/410928												
Ordering Notes	:	For 1 - 6 slides, use test code 410921. For 7 - 12 slides, use test code 410922. For more than 12 slides, use test code 410928.												
Testing Schedule	:	Mondays - Saturdays												
Turnaround Time	:	5 days												
Specimen Required	:	Fine needle aspirates (FNA), smears, or brushings received on glass slides from the following anatomical sites: ✂ Accepted Sites: <table><tr><td>Thyroid</td><td>Breast</td><td>Lymph Node</td></tr><tr><td>Lung</td><td>Mediastinum</td><td>Spine</td></tr><tr><td colspan="3">Abdominal Region:</td></tr><tr><td>Liver</td><td>Pancreas</td><td>Stomach</td></tr></table> ⚠ All slides must be clearly labeled Patient's full name or NRIC/FIN number and the correct anatomical site	Thyroid	Breast	Lymph Node	Lung	Mediastinum	Spine	Abdominal Region:			Liver	Pancreas	Stomach
Thyroid	Breast	Lymph Node												
Lung	Mediastinum	Spine												
Abdominal Region:														
Liver	Pancreas	Stomach												
Container/Tube	:	Slide mailer												
Collection Instructions	:	Collection to be performed by doctor. Please refer to 4.2.7 Fine Needle Aspiration (FNA) / Brushing / Smear Preparation for more collection details												

HPV DNA (SurePath)

LIS Test Code	: 461966
Profile Included	: <ul style="list-style-type: none"> ● HPV - High Risk Type 16 ● HPV - High Risk Type 18 ● HPV - Other High Risk Types
Testing Schedule	: Tuesday and Thursday
Turnaround Time	: 5 days
Collection Instructions	: Collection to be performed by doctor.
Specimen Required	: Cervical / Vaginal / Vault
Container/Tube	: SurePath Collection Kit
Collection Instructions	: Collection to be performed by doctor. Please refer to 4.2.6 Surepath Collection for more collection details

HPV DNA -RCCM (Self Sampling)

LIS Test Code	: 462934
Profile Included	: <ul style="list-style-type: none"> ● HPV - High Risk Type 16 ● HPV - High Risk Type 18 ● HPV - Other High Risk Types
Testing Schedule	: Tuesday and Thursday
Turnaround Time	: 5 days
Specimen Required	: Cervical / Vaginal / Vault
Container/Tube	: Roche Cell Collection Medium & Flocked Swabs (Copan)
Collection Instructions	: Patient can collect using self-sampling kit provided by Cytology lab.

Non-Gynae Cytology – Body Fluids

LIS Test Code	: 410917
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Breast Cyst Aspiration Breast Secretions (nipple discharge) Bronchial Washings / Bronchial Alveolar Lavage (BAL) Effusions Pericardial, Peritoneal, Ascitic and Pleural fluid Cyst fluid from various sites (E.g. thyroid, ovary, breast)
Container/Tube	: Sterile container
Volume Required	: Min 5 mL

Non-Gynae Cytology – CSF

LIS Test Code	: 410917
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Cerebrospinal Fluid
Container/Tube	: Sterile container
Volume Required	: 1mL to 2mL
Ordering Notes	: CSF sample has to be sent immediately to lab. Try to schedule the sample to be taken during office hours (Avoid weekend when Cytology lab is not operating 24/7. We are operating 5 and half days, Mon-Sat).

Non-Gynae Cytology – Sputum / Abscess

LIS Test Code	: 410917
Ordering Notes	: For sputum collection-preferably collected from a morning cough before meal.
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Sputum / Abscess
Container/Tube	: Sterile container
Volume Required	: Min 1 mL

Non-Gynae Cytology – Urine

LIS Test Code	: 410917
Ordering Notes	: Preferably catch the mid-stream. Please indicate in the note if the urine is collected via catheterization method.
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Urine
Container/Tube	: Sterile container
Volume Required	: Min 10 mL
Collection Instructions	: Collect from Mid-stream (clean-catch) urine.

Pap Smear (SurePath) - Liquid Based Cytology

LIS Test Code	: 490162
Testing Schedule	: Mondays - Saturdays
Turnaround Time	: 5 days
Specimen Required	: Cervical / Vaginal / Vault
Container/Tube	: SurePath Collection Kit
Volume Required	: 1 swab
Ordering Notes	: Please provide the following information when ordering: 1) Date of Last Menstrual Period (LMP). 2) Source of specimen, especially if collected from vault. <i>*Avoid collection during menstruation. Best time: Around Day 14 from first day of period.</i>
Collection Instructions	: Collection to be performed by doctor. Please refer to 4.2.6 Surepath Collection for more collection details