

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

CLINICAL CHEMISTRY, HORMONES, TUMOR MARKERS AND TDM	
ALT	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
Albumin	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
Alkaline Phosphatase	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
Amylase	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
Ammonia	
Specimen	Vacutainer Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr
Patient Prep	Avoid prolonged tourniquet, tube must be completely filled with blood, transport within 15 min, placed on ice.
AST	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient Prep	N/A
Bilirubin Total	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
Bilirubin Direct	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A
BUN	
Specimen	Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: Random (midstream) specimens (sterile container)
Set Up	24/7
TAT	Serum Routine: 2 hrs Serum STAT: 1 hr Urine: 24 hrs
Patient Prep	N/A
Calcium	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	NA
Cholesterol	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs
Patient Prep	Fasting 10-14 hours
Creatine Kinase (CK)	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

TAT	Routine: 2 hrs STAT : 1 hr
Patient Prep	N/A
CK-MB (mass)	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr
Patient Prep	N/A
Creatinine	
Specimen	Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: 24 hr Urine collection; or random (midstream) specimens (sterile container)
Set Up	24/7
TAT	Serum Routine: 2 hrs Serum STAT : 1 hr Urine: 24 hrs
Patient Prep	N/A
Creatinine Clearance	
Specimen	Timed urine collection 24 hrs. + Serum Sample
Set Up	24/7
TAT	Routine: 24 hrs
Patient Prep	24 hr Urine Collection Instructions; blood must be collected during period of urine collection.
Chloride	
Specimen	Serum: Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: Random (midstream) specimen (sterile container)
Set Up	24/7
TAT	Serum Routine: 2 hrs Serum STAT : 1 hr Urine: 24 hrs
Patient Prep	N/A
GGT	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr
Patient Prep	N/A

LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023

Glucose

Specimen	Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) and Grey Top (NA fluoride) Body Fluids: Sterile Container CSF: Sterile Container Urine: Random (midstream) specimen (sterile container)
Set Up	24/7
TAT	Serum, CSF, body fluids Routine: 2 hrs Serum, CSF, body fluids STAT : 1 hr Urine: 24 hrs
Patient Prep	Fasting: Fasting for 6-8 hours PP: 2hrs From the start of a well-balanced meal

HDL-cholesterol

Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs
Patient Prep	Fasting 10-14 hours

HbA1C

Specimen	3 ml blood in an EDTA tube (Lavender top)
Set Up	24/7
TAT	Routine: 7 days
Patient Prep	N/A

Iron

Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs
Patient Prep	Fasting for 6 HRS

Inorganic phosphorus

Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	NA

Lactate

Specimen	Blood full Na Fluoride tube (Grey top)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient Prep	<p>Avoid exercise of the hand or arm immediately before and during sampling. specimens should be obtained without the use of a tourniquet or immediately tourniquet has been applied. Immediate Specimen's transported to the lab with ice.</p>
LDH	
Specimen	<p>Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) CSF: Sterile container</p>
Set Up	24/7
TAT	<p>Routine: 2 hrs STAT: 1 hr</p>
Patient Prep	N/A
Lipase	
Specimen	<p>Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)</p>
Set Up	24/7
TAT	<p>Routine: 2 hrs STAT: 1 hr</p>
Patient Prep	N/A
Magnesium	
Specimen	<p>Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)</p>
Set Up	24/7
TAT	<p>Routine: 2 hrs STAT: 1 hr</p>
Patient Prep	NA
Micro albumin / Creatinine ratio	
Specimen	<p>Random urine (midstream) specimens (sterile container)</p>
Set Up	24/7
TAT	<p>Routine: 24 hrs</p>
Patient Prep	N/A
Potassium	
Specimen	<p>Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: Random (midstream) specimens (sterile container)</p>
Set Up	24/7
TAT	<p>Serum Routine: 2 hrs Serum STAT: 1 hr Urine: 24 hrs</p>
Patient Prep	N/A

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Sodium	
Specimen	Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: Random (midstream) specimens (sterile container)
Set Up	24/7
TAT	Serum Routine: 2 hrs Serum STAT: 1 hr Urine: 24 hrs
Patient Prep	N/A
Triglycerides	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs
Patient Prep	Fasting 10-14 hours
Total Protein	
Specimen	Serum: Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin) Urine: 24 hr Urine collection; timed or random (midstream) specimens for protein/creatinine ratio (sterile container) Body Fluids: Plain Tube - Sterile Container CSF: Sterile Container
Set Up	24/7
TAT	Serum Routine: 2 hrs Serum STAT: 1 hr Urine: 24 hrs
Patient Prep	N/A
Troponin I-Hs	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive) (main lab), 3 ml blood in an EDTA tube (Lavender top) (ER lab)
Set Up	24/7
TAT	Routine: 2 hrs STAT : 1 hr
Patient Prep	N/A
Uric acid	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs STAT: 1 hr

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient Prep	NA
UIBC	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	24/7
TAT	Routine: 2 hrs
Patient Prep	N/A
Serum Osmolarity (Measured and Calculated)	
Specimen	Vacutainer Yellow or Red top 5ml (No Additive), Green top 5 ml (Lithium Heparin)
Set Up	Daily
TAT	Routine: 2 hrs STAT: 1 hr
Patient Prep	N/A

N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Hormones and Tumors Markers	
Thyroid Function Test	
TSH	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
FT3	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
FT4	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Fertility Work up	
FSH	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Female: 2 nd – 5 th day of Menstrual Cycle Male: N/A
LH	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Female: 2 nd – 5 th day of Menstrual Cycle Male: N/A
Prolactin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Progesterone	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Female: 21 st day of Menstrual Cycle Male: N/A

LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023

E2	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Female: Mid cycle Male: N/A
Total Testosterone	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Total B-HCG	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hours STAT: 1 hr
Patient Prep	N/A
Adrenal Function	
Cortisol	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Cortisol (a.m.): sample should be collected between 8-9 a.m. Cortisol (p.m.): collected after 5 p.m.
DHEAS	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Pancreatic Hormones	
Insulin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Fasting: Fasting for 6-8 hours PP: 2hrs Following the meal
C-Peptide	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 Days

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient Prep	Fasting: Fasting for 6-8 hours PP: 2hrs Following the meal
Calcium regulatory Hormones	
PTH	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Vitamin D(25-OH Vitamin D)	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Markers for Anaemia	
Ferritin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Vitamin B12	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Folate	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Tumour Markers	
AFP	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
CEA	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

CA-125	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
CA-19.9	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
CA-15.3	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
PSA (Total, Free)	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	Obtain specimens prior to procedures involving manipulation of the prostate
Thyroglobulin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	8am -4am Sunday to Thursday
TAT	7 days
Patient Prep	N/A
Therapeutic Drug Monitoring (TDM)	
Amikacin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 1-hour post-dose (30-60 minutes after infusion complete)
Aminophylline/ Theophylline	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 4-8 hours post-dose (modified release preparations) ;2 hours post-dose (rapid-release)
Carbamazepine	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 4-8 hours (longer with sustained-release forms)
Digoxin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose; Or >6 hours post-dose Time to peak 1 hour (oral, plasma)
Gentamicin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 1 hour post-dose (30-60 minutes after infusion complete)
Phenobarbital	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 4 hours
Phenytoin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 3 hr (immediate-release); 12 hr (extended-release)

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Valproic acid	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 2 hours
Vancomycin	
Specimen	5 ml blood in a Plain tube (Yellow or Red top)
Set Up	Daily
TAT	Routine: 2 hrs STAT : 1 hr
Sampling time	Trough (Pre-dose): Immediately before next dose Peak: 1 hour post-dose (30-60 minutes after infusion complete)



Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

HAEMATOLOGY	
CSF Cell count	
Specimen	CSF in a Sterile white screw capped container
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	N/A
Complete blood picture (CBC)/ Differential (WBC)/ Reticulocyte count	
Specimen	2 ml Blood in an EDTA Tube (Lavender top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	N/A
Differential (for body fluids)	
Specimen	Sterile white screw capped container
Set Up	24/7
TAT	2 hrs
Patient Prep	N/A
D- dimmer	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	N/A
ESR test	
Specimen	2 ml Blood EDTA Tube (Lavender top)
Set Up	24/7
TAT	3 hrs.
Patient Prep	N/A
Fibrinogen	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	N/A
Blood Film (PBS)	
Specimen	2 ml Blood in an EDTA Tube (Lavender top)
Set Up	24/7
TAT	One day
Patient Prep	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Malaria Screening Test	
Specimen	2 ml Blood in an EDTA Tube (Lavender top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	N/A
Mixing study	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Set Up	24/7
TAT	4 hrs (8am-4pm Sunday-Thursday)
Patient Prep	Fresh sample
Prothrombin time (PT and INR)	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	Fresh sample
Partial Thromboplastin Time (PTT)	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Set Up	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient Prep	Fresh sample
Sickling Test	
Specimen	2 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	Routine: 2 hrs. STAT: 1 hr
Patient prep.	NA
Haemoglobin Variants by HPLC	
Specimen	2 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	Batched Sunday and Wednesday
Patient prep.	NA
BM Examination	
Specimen	Bone marrow smear and biopsy
Setup	Routine working hours
TAT	2 days for aspirate and 3 days for biopsy
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Coagulation Factors; V, VII, VIII, IX, X, XI	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Setup	Tuesday every other week
TAT	2 weeks
Patient prep.	NA
Protein C, Protein S, AT-III, Lupus Anticoagulants and factor V Leiden	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Setup	Tuesday every other week
TAT	2 weeks
Patient prep.	NOT under Warfarin; NOT during <i>acute thrombotic attack</i>
HIT screening test	
Specimen	2.8 ml Blood on Trisodium citrate tube (3.2%, blue top)
Setup	24/7
TAT	8am-4pm Sunday-Thursday
Patient prep.	NA



<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

BLOOD BANK AND TRANSFUSION SERVICE:	
Blood Grouping (ABO/Rh)	
Specimen	2 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	30-40 min
Patient prep.	N/A
Antibody Titration	
Specimen	2 ml blood in EDTA tube (Lavender top)
Setup	Sun – Thu; 8 AM - 2 PM
TAT	4 hr
Patient prep.	N/A
ABO-Confirmation	
Specimen	2 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	1 hr
Patient prep.	N/A
Antibody Identification	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	Sun – Thu; 8 AM - 2 PM
TAT	4 hr
Patient prep.	N/A
Acid Elution	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	Sun – Thu; 8 AM - 2 PM
TAT	4 hr
Patient prep.	N/A
D weak	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	Sun – Thu; 8 AM - 2 PM
TAT	1 hr
Patient prep.	N/A
Antigen typing (RBC Phenotype)	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	1 hr
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
<p>LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023</p>		

<p>Rh + K Phenotyping</p>	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	Sun – Thu; 8 AM - 2 PM
TAT	1 hr
Patient prep.	N/A
<p>Compatibility testing (cross match)</p>	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	45 min
Patient prep.	N/A
<p>Antibody screening</p>	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	45 min
Patient prep.	N/A
<p>Direct Coombs test (DCT); Direct AHG Test (DAT)</p>	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	24/7
TAT	45 min
Patient prep.	N/A
<p>Transfusion reaction study (TRANS)</p>	
Specimen	4.5 ml blood in EDTA tube (Lavender top)
Setup	Routine working hours (8 am-4 pm)
TAT	3 hrs
Patient prep.	N/A

LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023

ANATOMIC PATHOLOGY

Small biopsies

Specimen	Tissue in a Histo container (In a ratio 1 sample to 10 Formalin)
Setup	8am -3.30pm Sunday to Thursday
TAT	5working days -If the specimen requires special stains, deeper levels and regross- requires, immunohistochemistry and intradepartmental consultation- requires additional days
Patient prep.	N/A

Large specimens

Specimen	Tissue in a Histo container
Setup	8am -3.30pm Sunday to Thursday
TAT	7 working days If the specimen requires special stains, deeper levels and regross- requires additional days. -If the specimen requires immunohistochemistry and intradepartmental consultation- requires additional days
Patient prep.	N/A

Bone specimens

Specimen	Bone Tissue in a Histo container
Setup	8am -3.30pm Sunday to Thursday
TAT	10working days If the specimen requires special stains, deeper levels and regross- requires additional days. -If the specimen requires immunohistochemistry and intradepartmental consultation- requires additional days
Patient prep.	N/A

Cervical smear

Specimen	Cervical smear
Setup	8am -3.30pm Sunday to Thursday
TAT	10 working days from processing day if the samples require regross- may take additional days
Patient prep.	N/A

Non gynecology cytology

Specimen	Fluid in cyto container
Setup	8am -3.30pm Sunday to Thursday from
TAT	10 working days If the specimen requires special stains, deeper levels and regross- immunohistochemistry and intradepartmental consultation- requires additional days
Patient prep.	N/A

Frozen section

Specimen	Fresh sample Tissue
Setup	8am -2.30pm Sunday to Thursday

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

TAT	20 min to 40 minutes
Patient prep.	N/A
FNA	
Specimen	Direct smear
Setup	8am -12 every Tuesday for radiologist guide FNA 8am -3.30pm Sunday to Thursday for other FNA
TAT	10 working days If the specimen requires special stains, deeper levels and regross- requires additional two days. If the specimen requires immunohistochemistry and intradepartmental consultation- requires additional days
Patient prep.	N/A



Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

MICROBIOLOGY AND TB	
Intravascular Catheters (Arterial, CVP, Femoral, Jugular, Subclavian, Swan Gang, Ventricular , Hemovac drain and VP shunt tip) Culture	
Specimen	Tip in Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Body Fluids (Ascitic and Bile, BAL, CSF, Continuous ambulatory peritoneal dialysis(CAPD), Cystic, Pericardial, Peritoneal, Pleural, Synovial) Culture	
Specimen	Fluid in Sterile white screw capped container
Setup	Daily
TAT	3-5days; Cystic fluid 4-5 working days
Patient prep.	Before administration of Antibiotics
Blood culture	
Specimen	Blood in a special Blood culture bottle
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Bone marrow Culture	
Specimen	Aspirate in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Swabs (Cervical, Ear, Eye, Groin, High vaginal, Mouth, Nasal, Nasopharyngeal, Peritoneal, Pus, Skin, Throat, Umbilical, Urethral discharge , Vaginal, Wound) Culture	
Specimen	Sterile swab with transport medium
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Others	
Lymph node	
Specimen	Tissue in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	
Prostatic discharge Culture	
Specimen	Secretion in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Pus aspirate Culture	
Specimen	Aspirate in a Sterile white screw capped container
Setup	Daily
TAT	3-5days
Patient prep.	Before administration of Antibiotics
Semen Culture	
Specimen	Fluid in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Sinus aspirate Culture	
Specimen	Aspirate in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Tissue biopsy (in sterile saline) Culture	
Specimen	Tissue in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Urine (nephrostomy tube) Culture	
Specimen	Urine in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Urine (voided) Culture	
Specimen	Mid-stream Urine in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Urine (with Foley's catheter) Culture	
Specimen	Urine in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics
Urine (with suprapubic catheter) Culture	
Specimen	Urine in a Sterile white screw capped container
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
<p>LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023</p>		

MRSA Screening	
Swabs (Axillary, Hair line, I.V. SITE, Nasal (one swab for both nostrils), Perineal, Tracheostomy site, Ventilator (screening test for I.C)	
Specimen	Sterile swab with transport medium
Setup	Daily
TAT	3-5 days
Patient prep.	Before administration of Antibiotics



<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

PARASITOLOGY	
Occult blood in stool	
Specimen	Stool in a Screw-capped red container
Setup	Sunday -Tuesday 8-4
TAT	2-3 hr
Patient prep.	N/A
Pregnancy Test	
Specimen	Urine in a Screw-capped red container
Setup	Sunday -Tuesday 8-4
TAT	2-3 hr
Patient prep.	N/A
Semen analysis	
Specimen	Semen in a Screw-capped red container
Setup	Mondays, Tuesdays and Wednesdays
TAT	2-3 day
Patient prep.	The sample should be collected after a minimum of 2 days and a maximum of 7 days of sexual abstinence.
Stool analysis	
Specimen	Stool in a Screw-capped red container; Specimens should be fresh up to 2 hours.
Setup	Sunday -Tuesday 8-4
TAT	2-3 hrs
Patient prep.	N/A
Synovial fluid (crystals)	
Specimen	Urine/ Body Fluid in a Screw-capped red container; Avoid blood contamination.
Setup	Sunday -Tuesday 8-4
TAT	2-3 hrs
Patient prep.	N/A
Urine analysis	
Specimen	Voided / catheterized urine, suprapubic aspirate, nephrostomy urine in a Screw-capped red container, Use sterile screw-capped container (if culture also is requested).
Setup	Sunday -Tuesday 8-4
TAT	2-3 hrs
Patient prep.	NA

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

IMMUNOLOGY	
RPR	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday -Thursday 8-4
TAT	48 hrs
Patient prep.	N/A
TPHA	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday 8am t0 4 pm
TAT	Once in a week
Patient prep.	N/A
Syphilis Ab	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
HIV	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A
HBsAg	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A
HB s Ag confirmatory test	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
HbsAB	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
HB c AB-Total	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

HB c AB- IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Hbe AB	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Hbe Ag	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
HCV	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48hours
Patient prep.	N/A
HAV-Total	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2
Patient prep.	N/A
HAV-IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2
Patient prep.	N/A
Echinococcus (IHA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Leishmania (IHA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Schistosoma (IHA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Amoeba (IHA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Thyroid Microsomal	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Thyroid Thyroglobulin	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Thyroid Peroxidase Ab(TPO)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Monospot	
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A
SLE Latex	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
ASO	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

C-Reactive Protein (CRP)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A
RF	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hrs
Patient prep.	N/A
IgA	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday(8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
IgG Subclasses	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
IgE	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
C3	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

C4	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
Ceruloplasmin	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
Brucella	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
Widal	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	48 hours
Patient prep.	N/A
Anti-DsDNA(SLE) IFA	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
ANA-IFA	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Anti-mitochondrial Ab (AMA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Anti-neutrophil Cytoplamic Ab (ANCA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

C-Anti-neutrophil Cytoplasmic Ab (c-ANCA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Anti-parietal Cell Ab (APCA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Herpes 1&2 IgG /IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Rubella IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Rubella IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Toxoplasma IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Rubella IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Epstein Barr VIRUS IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 وزارة الصحة Ministry of Health	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Epstein Barr VIRUS IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Cytomegalovirus IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Cytomegalovirus IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Epstein Barr virus IgM	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Anit-Cyclic Citrullinated Peptide Ab(CCP)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in every 2 weeks
Patient prep.	N/A
Varicella Zoster (IgG/ IgM)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Anti-Cardiolipin –AB(IgG/ IgM)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Beta-2-glucoprotein (IgG – IgM)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient prep.	N/A
Extractable Nuclear antigen antibodies (ENA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Antibodies (ENA)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Anti-Smith IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Anti-Nrnp /SM IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
SSB IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
SSA IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Scl-70 IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Anti- centromeres IgG	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Patient prep.	N/A
Myeloperoxidase Ab (MPO)	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A
Anti – Histone – C	
Specimen	5 ml blood in a Plain tube (Yellow)
Setup	Sunday –Thursday (8am t0 4 pm)
TAT	Once in a week
Patient prep.	N/A



Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Send outside	
Test Name: COVID-19	
Container	VTM
Required Volume	2 ml
Type of specimen	Nasopharyngeal swab
Transportation	Biohazard bag
Time of receiving	Daily 24/7
Receiving area	<ul style="list-style-type: none"> • Sunday to Thursday (Send out dep. From 8:00 am to 4:00 pm / Microbiology dep: from 4:00 pm to 8:00 am.) • Friday & Saturday: Micro dep.: from 8:00 am to 4:00 pm / Core lab: from 4:00 pm to 8:00 am
Request	Hesn order
TAT	18 hours
Seasonal influenza	
Container	VTM
Required Volume	2 ml
Type of specimen	Nasopharyngeal swab
Transportation	Biohazard bag
Time of receiving	8:00 am to 4:00 pm
Receiving area	Send out dep.
Request	Hesn order
TAT	48 hours
MERS Cov	
Container	VTM
Required Volume	2 ml
Type of specimen	Nasopharyngeal swab / Broncho alveolar- lavage/ Respiratory aspiration/ Sputum
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Send out dep
Request	Hesn order
TAT	18 hours
Dengue	
Container	Plain tube
Required Volume	3 ml x 3
Type of specimen	Serum
Transportation	Biohazard bag
Time of receiving	8:00 am to 4:00 pm
Receiving area	Send out de
Request	Hesn order
TAT	5 working days

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Herpes Simplex 1/2 (HSV 1/2)	
Container	Sterile container
Required Volume	Not less than 1ml
Type of specimen	CSF
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request should be signed by the doctor who take the sample
TAT	5 working days
Varicella zoster (VZV)	
Container	Sterile container
Required Volume	Not less than 1ml
Type of specimen	CSF
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request should be signed by the doctor who take the sample
TAT	5 working days
Epstein Bar Virus (EBV)	
Container	Sterile container
Required Volume	Not less than 1ml
Type of specimen	CSF
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request should be signed by the doctor who take the sample
TAT	5 working day
Cytomegalo Virus	
Container	Sterile container
Required Volume	Not less than 1ml
Type of specimen	CSF
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request should be signed by the doctor who take the sample
TAT	5 working days
HBV	
Container	EDTA
Required Volume	3 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request
TAT	10 working days
HCV	
Container	EDTA
Required Volume	3 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request
TAT	10 working days
HIV	
Container	EDTA
Required Volume	3 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Serology dep
Request	JRL Request
TAT	10 working days
ACTH	
Container	EDTA
Required Volume	2 ml
Type of specimen	Blood (Extracted at 9:00 am)
Transportation	Biohazard bag in ice container
Time of receiving	Sunday to Thursday 8:00 am to 09:30 am
Receiving area	Hormon
Request	JRL Request
TAT	48 hours
Procalcitonin (PCT)	
Container	Plain tube or green tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Hormon
Request	East Jeddah request
TAT	24 hours

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Erythropoietin Hormone	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Hormon
Request	East Jeddah request
TAT	48 hours
Transferrin	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 4:00 pm
Receiving area	Hormon
Request	East Jeddah request
TAT	48 hours
G6PD	
Container	EDTA
Required Volume	3 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 3:00 pm
Receiving area	Send out dep.
Request	JRL Request + Recent CBC result
TAT	48 hours
anti- VIII, IX, and Anti- Xa, Protein C, Protein S, AT-III, Lupus Anticoagulants and factor V Leiden	
Container	Trisodium citrate
Required Volume	3 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday 8:00 am to 9:30 am
Receiving area	Send out dep.
Request	EJH request form
TAT	48 hours
DEGUE (IgM, IgG, NS1)	
Container	Plain tube
Required Volume	3 ml
Type of specimen	Serum

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Transportation	Biohazard bag
Time of receiving	8:00 am to 4:00 pm
Receiving area	Send out dep.
Request	Hesn order
TAT	5 working days
APCA	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
AMA	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
ASMA	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
B2GPI IgG, IgM	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

AGA IgG	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
tTG IgG	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
RF IgM	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
ANA	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
DNA	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
SCL/70	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
CCP	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
AGA IgG	
Container	Plain tube
Required Volume	5 ml
Type of specimen	Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday
Receiving area	Serology dep
Request	JRL Immunology test request
TAT	10 working days
CD4/CD8 COUNT	
Container	EDTA
Required Volume	2 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Wednesday 8:00 am to 9:30 am
Receiving area	Send out dep.
Request	Lymphocyte Subset/ Immunophenotyping request
TAT	7 working days

Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department	 وزارة الصحة Ministry of Health	المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

Lymphocyte Subset	
Container	EDTA
Required Volume	2 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Wednesday 8:00 am to 9:30 am
Receiving area	Send out dep.
Request	Lymphocyte Subset/ Immunophenotyping request
TAT	7 working days
HLAB27	
Container	EDTA
Required Volume	2 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Wednesday 8:00 am to 9:30 am
Receiving area	Send out dep.
Request	Lymphocyte Subset/ Immunophenotyping request
TAT	4 working days
Leukemia & lymphoma Panel	
Container	EDTA/ Sterile container
Required Volume	2 ml
Type of specimen	Whole Blood
Transportation	Biohazard bag
Time of receiving	Sunday to Wednesday 8:00 am to 9:30 am
Receiving area	Send out dep.
Request	Lymphocyte Subset/ Immunophenotyping request
TAT	7 working days
TB PCR, Culture & AFB	
Container	Sterile container
Required Volume	===
Type of specimen	Pulmonary / Extrapulmonary (Tissue, Body fluids)
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday / 8:00 am to 12 pm
Receiving area	Microbiology dep.
Request	Hesen order + TB. Unit request form + TB. Test Referral Form
TAT	24 hours for PCR & AFB, 6-8 weeks for culture
Interferon-Gamma Release Assays (IGRAs)	
Container	QUANTIFERON - TB GOLD PLUS TUBE SET
Required Volume	1.2 ml x 4 tubes (Up to the marked line in the tube)
Type of specimen	Whole Blood
Transportation	Biohazard bag/ transport to the lab on the same day of sample

<p>Kingdom of Saudi Arabia Ministry of Health King Abdul-Aziz Hospital Jeddah Laboratory And Blood Bank Department</p>	 <p>وزارة الصحة Ministry of Health</p>	<p>المملكة العربية السعودية وزارة الصحة مستشفى الملك عبد العزيز بجدة وبنك الدم قسم المختبرات</p>
LABORATORY AND BLOOD BANK DEPARTMENT TESTMENU 2022/2023		

	collection
Time of receiving	Sunday to Thursday / 8:00 am to 12 pm
Receiving area	Microbiology dep.
Request	M.Tuberculosis Laboratory Request Form
TAT	24 hours for PCR & AFB, 6-8 weeks for culture
Urea Breath Test	
Container	Special Bag
Required Volume	-----
Type of specimen	Breathing
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday / 8:00 am to 12 pm
Receiving area	Reception dep.
Request	JRL request form
TAT	5 Working days
Yeast for ID & Sensitivity	
Container	Agar plate
Required Volume	===
Type of specimen	Culture
Transportation	Biohazard bag
Time of receiving	Sunday to Thursday / 8:00 am to 12 pm
Receiving area	Microbiology dep
Request	JRL request form
TAT	24 hours – 48 hours