

ANALYTES/REQUIRED SPECIMEN/TAT/ TIME FOR ADDING ON TEST

Filename: LF-JMS-025

Revision: 01

Author(s): Marion/Rosemary

Issue Date: 26.11.2020

Analyte	Special instructions / Comments	Required specimen	Time limit for adding on test
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ALBUMIN	-	Serum	7 days
TOTAL PROTEIN	-	Serum	7 days
AMYLASE	Avoid contamination with Saliva.	Serum	7 days
DIRECT BILIRUBIN	Keep away from light.	Serum	7 days
TOTAL BILIRUBIN	Keep away from light.	Serum	7 days
ALP	Avoid hemolyzed samples.	Serum	7 days
AST	Avoid hemolyzed samples.	Serum	7 days
ALT	-	Serum	7 days
GGT	-	Serum	7 days
LDH	Avoid hemolyzed samples.	Serum	7 days
POTASSIUM	Avoid hemolyzed samples.	Serum	7 days

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SODIUM	Avoid grossly lipemic samples.	Serum	7 days
TRIGLYCERIDES	Fasting sample recommended. Avoid icteric samples.	Serum	7 days
CHOLESTROL	Avoid icteric samples.	Serum	7 days
HDL-CHOLESTROL	-	Serum	7 days
CREATININE	Avoid strongly lipemic samples.	Serum	7 days
UREA	Avoid hemolyzed and strongly icteric samples.	Serum	7 days
MICROALBUMIN-TOTAL PROTEIN	Avoid blood contamination during sample collection.	CSF/Urine	3 days
CORRECTED CALCIUM	Avoid hemolyzed samples. Do not use a tourniquet when collecting the sample.	Serum	7 days
MAGNESIUM	Avoid hemolyzed samples.	Serum	7 days
CHLORIDE	Avoid hemolyzed and grossly lipemic samples.	Serum	7 days

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PHOSPHATE	Avoid strongly hemolyzed samples.	Serum	4 days
HbA1C	-	EDTA-whole blood	7 days
URIC ACID	-	Serum	7 days
IRON	Avoid hemolyzed and grossly lipemic samples.	Serum	7 days
GLUCOSE	Avoid icteric and strongly lipemic samples.	Serum	7 days
CK	Avoid Excessive Exercise. Avoid hemolyzed samples.	Serum	Within 24 hours
CRP	-	Serum	7 days
CBC	-	EDTA-whole blood	Within 24 hours
aPTT	Reagent dependent. Reduced stability in heparin Plasma.	Citrated Plasma	4 hours

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PT/INR	Reagent Dependent.	Citrated plasma	Within 24 hours
FIBRINOGEN	-	Citrated plasma	Within 24 hours
MALARIA	-	EDTA-whole blood	Within 24 hours
BLOOD PARASITES	Sample must reach the lab within 4 hours.	EDTA-whole blood	No add on tests allowed.
ESR	-	EDTA-whole blood	Within 4 hours
SICKLING	-	EDTA Whole blood	7 days
HB ELECTROPHORESIS	Patient should not have had blood transfusion within the last three months.	EDTA-whole blood	5 days
URINE R/E	-	Urine	Within 24 hours

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STOOL R/E	Stool should reach the lab within 2 hours.	Stool	No add on test allowed.
URINE C/S	-	Urine	Within 24 hours
CSF C/S	Sample must reach the lab within 2 hours.	CSF: three samples required; 1 fluoride tube and 2 plain tubes.	-
STOOL C/S	-	Stool	Within 24 hours
EAR SWAB	-	Swab in Amies transport medium.	24 hours
WOUND SWAB	-	Swab in Amies transport medium.	24 hours
VAGINA & CERVICAL SWAB	-	High Vaginal Swab/Thin Prep in Amies Transport Medium.	24 hours
BLOOD CULTURE	-	Sample should be in blood culture bottle; 1 anaerobe bottle and 1 aerobe bottle	-
SPUTUM CULTURE	Early morning sputum.	-	Within 24 hours

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THROAT & MOUTH SWAB	-	Swab in Amies Transport Medium.	24 hours
AFB MICROBIOLOGY	Early Morning Sputum Before Brushing.	-	1 week
TESTOSTERONE	Avoid grossly hemolyzed samples	Serum	7 days
ESTRADIOL (E2)	-	Serum	2 days
CORTISOL	-	Serum	5 days
PROGESTERONE	-	Serum	5 days
CK-MB	-	Serum	Within 24 hours
B-HCG	-	Serum	3days
HBsAg	-	Serum	5 days
HBeAg	-	Serum	7 days

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HBsAb	-	Serum	6 days
HBeAb	-	Serum	5 days
HBcAb	-	Serum	5 days
HBcIgM	-	Serum	6 days
FREE T4	Last menstrual cycle start date required	Serum	7 days
FREE T3	Last menstrual cycle start date required	Serum	7 days
TSH	Last menstrual cycle start date required	Serum	7 days
LH	Last menstrual cycle start date required	Serum	14 days
FSH	Last menstrual cycle start date required	Serum	14 days
PROLACTIN	Last menstrual cycle start date required	Serum	14 days
INSULIN	-	Serum	24 hours
FERRITIN	Avoid grossly hemolyzed samples	Serum	7 days

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Alpha Feto Protein	-	Serum	7 days
PSA	-	Serum	5 days
CEA	-	Serum	7 days
CA-125	-	Serum	7 days
IGE	-	Serum	7 days
VITAMIN D	-	Serum	4 days
VITAMIN B12	-	Serum	2 days
FOLATE	Protect from light. Store samples at 2° – 8° if they cannot be measured immediately.	Serum	2 days
HIV	-	Serum	4 weeks

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TROPONIN I	Avoid hemolyzed samples	Serum	24 hours
D-DIMER	-	Whole Blood (Sodium Citrate)	-
HEPATITIS C	-	Serum	7 days
RPR	Avoid hemolyzed and lipemic samples	Serum	48 hours
RHEMATOID FACTOR	Avoid hemolyzed and lipemic samples	Serum	48 hours
TYPHOID IGG/IGM	Avoid hemolyzed and lipemic samples	Serum	48 hours
BLOOD GROUP	At least three months post transfusion.	Whole Blood	7 days
TPHA	Avoid hemolyzed and lipemic samples	Serum	48 hours
URINE PT	-	Urine	48 hours

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SERUM PT	-	Serum	48 hours
DIRECT COOMBS	-	Whole Blood	7 days
INDIRECT COOMBS	-	Serum	7 days
CD4	-	Whole blood (EDTA)	24 hours
HEPATITIS B VIRAL LOAD	-	Serum	7 days
SEMEN ANALYSIS	Sample to be delivered within an hour. Abstinence for 3 – 7 days.	Semen in sterile wide mouth container.	1 hour
HIV VIRAL LOAD PCR	-	Whole Blood	-

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H. pylori ANTIBODY	-	Serum	7 days
H. pylori ANTIGEN	-	Stool	1 day
BILHARZIA SEROLOGY	-	Serum	7 days
HEPATITIS C VIRAL LOAD	-	Serum	2 days
C. trachomatis & N. gonorrhoea PCR	-	Urine/High Vaginal Swab	-
VAGINOSIS BACTERIAL PCR	-	High Vaginal Swab in Amies transport Medium.	-
HUMAN PAPILLOMAVIRUS (HPV) SCREEN	-	Thin Prep/ High Vaginal Swab	-

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ENTERIC BACTERIAL PANEL	-	Stool	-
EXTENDED ENTERIC BACTERIAL PANEL	-	Stool	-
ENTERIC PARASITE PANEL	-	Stool	-
PAP SMEAR	-	Thin Prep	-
SKIN SNIP	-	Skin from the butt or back	-
SKIN SCRAP	No bathing prior to sample collection. If bathing is necessary, use only water. No cream starting the day prior.	Skin from the infected site	-
DNA PARENTAGE TESTING	Both parents must be present. If court case, a court appointed representative or lawyer must be present	-	-

Note: All urgent tests take 2 hours. For tests that are analyzed on Mondays and Fridays, results will be available on Mondays and Fridays. Hemoglobin Electrophoresis is performed on Fridays only.