

Laboratory Investigation Report

BML311279

Name : Mr. HAMZA MOHAMED SALIH
DOB : 05/03/1986
Age / Gender : 37 Y / Male
Referred by : Dr. Enomen Goodluck Ekata
Centre : Peshawar Medical Center LLC

Ref No. :
Sample No. : 2311315479
Collected : 28/11/2023 14:39
Registered : 28/11/2023 14:48
Reported : 28/11/2023 17:31

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
BILIRUBIN (TOTAL)	0.3		mg/dL	0.2 - 1.0	Jendrassik Grof

Interpretation Notes :

Causes of high bilirubin: Liver disease: hepatitis, cholangitis, cirrhosis, other types of liver disease (including primary or secondary neoplasia); alcoholism (usually with high AST (SGOT), GGT, MCV, or some combination of these findings); biliary obstruction (intrahepatic or extrahepatic); infectious mononucleosis (look also for increased LD (LDH), lymphocytosis); Dubin-Johnson syndrome; Pernicious anemia, hemolytic anemias, erythroblastosis fetalis, other neonatal jaundice, hematoma, and following a blood transfusion, especially if several units are given in a short time. Pulmonary embolism and/or infarct, congestive heart failure.

Remarks:

Bilirubin fasting value can be 1.5 – 2 times higher than post prandial value.

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

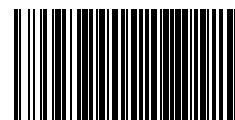
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SAGAR MURUKESAN PILLAI MOLY
Laboratory Technologist
Printed on: 28/11/2023 18:06

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	13.5		g/dL	13.5 - 17.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	5.1		10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	39.7		%	38 - 50	Calculation
MCV	77.8	L	fL	82 - 98	Calculation
MCH	26.5	L	pg	27 - 32	Calculation
MCHC	34		g/dL	32 - 37	Calculation
RDW	14		%	11.8 - 15.6	Calculation
RDW-SD	38.9		fL		Calculation
MPV	9.7		fL	7.6 - 10.8	Calculation
PLATELET COUNT	251		10 ³ /μL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17.2		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.1		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.6		%		Flow Cytometry
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	8.5		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	48		%	40 - 75	Flow Cytometry
LYMPHOCYTES	43		%	20 - 45	Flow Cytometry
EOSINOPHILS	2		%	0 - 6	Flow Cytometry
MONOCYTES	6		%	1 - 6	Flow Cytometry
BASOPHILS	1		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.6		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.6		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.2		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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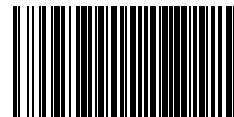
Christeena

CHRISTEENA FRANCIS
Laboratory Technologist

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

Interpretation Notes : Please note update on CBC report format and changes in reference ranges.

Sample Type : EDTA Whole Blood

End of Report



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