

LABORATORY REPORT

Name	: JUGRAJ BOTHRA	File. No.	: AAL02-390184
DOB/Gender	: 15-01-1938 (86 Yrs 8 Month 18 Days/Male)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22242430175	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 30-08-2024 16:38:08	Clinic File No	: 42962
Insurance	: NEXTCARE		

**GENERAL HEALTH PANEL (RANDOM)
HAEMATOLOGY & COAGULATION**

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	3.83 ^L	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	10.9 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	33.7 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	88.0	fl	83.0 - 101.0	Calculation
MCH	28.5	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	367	10 ³ /uL	150 - 400	HF (DCD)
WBC	6.98	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	71.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	17.2 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.6	%	2.0-10.0	Flow Cytometry
Eosinophils	1.4	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.97	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.20	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.67	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.10	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 30-08-2024 11:22:00
Authenticated On : 30-08-2024 18:51:16

Received On : 30-08-2024 16:38:00
Released On : 30-08-2024 19:11:23



Esmeralda Obenita
Lab Incharge
DHA-P-2992011

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.37	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	113.00	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	17.90	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	18.70	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	8.90	mg/dL	8.8 - 10.2	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	24.40	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	92.20 ^L	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.83	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Potassium (serum)	4.97	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Sodium	127.30 ^L	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	20.00	mg/dL	17.14 - 49.28	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	6.45	g/dL	6.40 - 8.30	Colorimetric - Biuret

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Test Name	Result	Units	Ref. Range	Method
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	3.88^L	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.57	g/dL	2.50 - 3.50	Calculation
*Albumin/Globulin Ratio	1.51	Ratio	1.10 - 2.50	Calculation

Remarks:

Result repeated and rechecked. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	9.0400^H	μIU/mL	0.270 - 4.20	ECLIA

Conversion Formula: (Concentration in IU/ mL) x (1.0) = mIU/L. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. Please note Reference Range Reviewed w.ef 15/10/23 .

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Sample Type : Serum

----- End Of Report -----

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