

LABORATORY REPORT

Name	: JUGRAJ BOTHRA	File. No.	: AAL02-390184
DOB/Gender	: 15-01-1938 (87 Yrs 6 Month 32 Days/Male)	Referral Doctor	: Dr. Sandia Bhojwani
Lab No.	: 22251860146	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 05-07-2025 14:05:48	Clinic File No	: 42962
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	3.32 ^L	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	10.4 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	29.4 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	88.6	fl	83.0 - 101.0	Calculation
MCH	31.3	pg	27-32	Calculation
MCHC	35.4 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	274	10 ³ /uL	150 - 400	HF (DCD)
WBC	6.72	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	60.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	25.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.4 ^H	%	2.0-10.0	Flow Cytometry
Eosinophils	2.5	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.08	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.74	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.70	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.17	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	10 ³ /uL	0.02 - 0.10	Calculation

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2022 unless specified by (*)

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

Test results pertain 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 : 05-07-2025 11:41:00
Authenticated On : 05-07-2025 16:04:59

Received On : 05-07-2025 14:13:00
Released On : 05-07-2025 16:07:47

Pring

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	1.0500	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 .
Sample Type : Serum

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**ELECTROLYTES PANEL (NA,K,CL,HCO3)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Sodium	124.50^L [Critical]	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	4.89	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Chloride (serum)	90.60^L	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO2 (Bicarbonate)	22.80	mmol/L	22.0 - 29.0	PEP Carboxylase

Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

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

Sample Type : Serum

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

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