

LABORATORY REPORT

Name	: ZAIN AHMAD JUMAH MASOUD	File. No.	: AAL02-419613
DOB/Gender	: 26-02-2000 (24 Yrs 10 Month 34 Days/Female)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22250130164	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 13-01-2025 13:33:41	Clinic File No	: 41552
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.52	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.8	g/dl	12.0 - 15.0	Photometry-SLS
HCT	38.7	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	85.6	fl	83.0 - 101.0	Calculation
MCH	28.3	pg	27-32	Calculation
MCHC	33.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	245	10 ³ /uL	150-400	HF (DCD)
WBC	5.23	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	74.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	17.0 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2-10	Flow Cytometry
Eosinophils	0.4 ^L	%	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)	3.90	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	0.89 ^L	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.39	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.02	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	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 15189:2022 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 : 12-01-2025 18:01:00
Authenticated On : 13-01-2025 15:31:09

Received On : 13-01-2025 13:35:00
Released On : 13-01-2025 15:45:41

Pring

Padmapriya Kumaresan
Sr. Technician
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
C-Reactive Protein (CRP)	7.95^H	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay

CRP is an acute phase protein whose concentration rises non-specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.e.f 15/10/23

Remarks:

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Sample Type : Serum

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**INFLUENZA VIRUS TYPE A & B ANTIGEN
IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES**

Test Name	Result	Units	Ref. Range	Method
*Influenza Virus Type A Antigen	Negative	Qualitative	Negative	Immunochromatography

Please note, the sensitivity of this Immunoassay is 50 - 70 % according to the Center of Disease Control (CDC), Atlanta. According to the manufacturer the sensitivity is 90 %. Therefore we recommend to better test for PCR.

*Influenza Virus Type B Antigen	Negative	Qualitative	Negative	Immunochromatography
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Please note, the sensitivity of this Immunoassay is 50 - 70 % according to the Center of Disease Control (CDC), Atlanta. According to the manufacturer the sensitivity is 90 %. Therefore we recommend to better test for PCR.

Sample Type : Nasopharyngeal Swab

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

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Dr. Solmaz Siddiqui
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Patient Sample Collected On : 12-01-2025 18:01:00
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