

LABORATORY REPORT

Name	: MOSARROF HOSSAIN KHORSED ALAM	File. No.	: AAL02-377841
DOB/Gender	: 01-07-1986 (37 Yrs 7 Month 19 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240510149	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 20-02-2024 13:56:56	Clinic File No	: 35021
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.02 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	16.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	50.4 ^H	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	83.7	fl	83.0 - 101.0	Calculation
MCH	28.1	pg	27-32	Calculation
MCHC	33.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	355	10 ³ /uL	150 - 400	HF (DCD)
WBC	9.92	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.3	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	38.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.4	%	2.0-10.0	Flow Cytometry
Eosinophils	8.5 ^H	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.50	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.78 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.73	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.84 ^H	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.07	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.

ERYTHROCYTE SEDIMENTATION RATE (ESR)

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 : 20-02-2024 12:00:00
Authenticated On : 20-02-2024 16:04:01

Received On : 20-02-2024 13:57:00
Released On : 20-02-2024 16:10:51

Pring

Padmapriya Kumareshan
Sr. Technician
DHA/LS2992011/243822

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Request Date	: 20-02-2024 13:56:56	Clinic File No	: 35021
Insurance	: No		

Test Name	Result	Units	Ref. Range	Method
ESR (whole blood)	5	mmhr	up to 10	Modified Westergren

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	6.15^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

Glucose (Fasting)	102.00^H	mg/dL	70 - 100	HK/G-6-PDH
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Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Fluoride Plasma

C-Reactive Protein (CRP)	1.21	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay
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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.ef 15/10/23

Remarks:

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

Sample Type : Serum

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

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