

LABORATORY REPORT

Name	: AKMAL HUSSAIN FAROOK FAROOK	File. No.	: AAL02-354932
DOB/Gender	: 23-09-1989 (34 Yrs 1 Month 4 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233000305	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 27-10-2023 20:55	Clinic File No	: 37798
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.16	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.1	g/dl	13.0 - 17.0	Photometry-SLS
HCT	43.0	%	40.0 - 50.0	Hydrodynamic focusing
MCV	83.3	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	35.1 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	260	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.09	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	47.6	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	39.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.3 ^H	%	2.0-10.0	Flow Cytometry
Eosinophils	1.5	%	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)	2.90	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.43	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.63	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.09	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

H/L Collected On : 27-10-2023 17:00:00
Authenticated On : 27-10-2023 22:18:46
Printed On : 27-10-2023 22:49:15

Received On : 27-10-2023 20:55:00
Released On : 27-10-2023 22:34:38
Reprinted On : 28-10-2023 14:55:03



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Request Date	: 27-10-2023 20:55	Clinic File No	: 37798
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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
**TSH (Thyroid Stimulating Hormone)	1.8000	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

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

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