

LABORATORY REPORT

Name : **SYED ARSALAN** File. No. : **AAL02-347377**
DOB/Gender : **17-09-1991 (32 Yrs 3 Month 6 Days/Male)** Referral Doctor : **Dr. Enomen Goodluck Ekata**
Lab No. : **22233630055** Referral Clinic : **Peshawar(Irham Medical Center)**
Request Date : **29-12-2023 12:05:32** Clinic File No : **38627**
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.88	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.4	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.8	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	91.8	fl	83.0 - 101.0	Calculation
MCH	29.5	pg	27-32	Calculation
MCHC	32.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	293	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.25	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	48.6	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	39.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.0	%	2.0-10.0	Flow Cytometry
Eosinophils	4.4	%	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)	4.01	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.24^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.36	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.06	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.

Sample Type : EDTA WB

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 : 28-12-2023 20:00:00 Received On : 29-12-2023 12:06:00
Authenticated On : 29-12-2023 13:32:30 Released On : 29-12-2023 13:38:53

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Lab No.	: 22233630055	Referral Clinic	: Peshawar(Irham Medical Center)
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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	104.00	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	HK/G-6-PDH

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 : Fluoride Plasma

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	2.1000	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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