

LABORATORY REPORT

Name : **SANGITA BHANDARI** File. No. : **AAL02-310115**
DOB/Gender : **03-10-1994 (29 Yrs 2 Month 17 Days/Female)** Referral Doctor : **Dr. Enomen Goodluck Ekata**
Lab No. : **22233490182** Referral Clinic : **Peshawar(Irham Medical Center)**
Request Date : **15-12-2023 14:48:56** Clinic File No : **39938**
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.31	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	10.0 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	31.9 ^L	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	74.0 ^L	fl	83.0 - 101.0	Calculation
MCH	23.2 ^L	pg	27-32	Calculation
MCHC	31.3 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	313	10 ³ /uL	150-400	HF (DCD)
WBC	8.28	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	46.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	42.8 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.5	%	2-10	Flow Cytometry
Eosinophils	2.5	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.87	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.54 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.62	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.21	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:

Recommended to do peripheral smear, iron studies and thalassemia screening.
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 : 15-12-2023 12:00:00 Received On : 15-12-2023 19:29:00
Authenticated On : 15-12-2023 23:26:18 Released On : 15-12-2023 23:41:03



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Name	: SANGITA BHANDARI	File. No.	: AAL02-310115
DOB/Gender	: 03-10-1994 (29 Yrs 2 Month 17 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22233490182	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 15-12-2023 14:48:56	Clinic File No	: 39938
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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Reference range related to Age/Gender.

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
**TSH (Thyroid Stimulating Hormone)	4.8300^H	μIU/mL	0.27-4.20 Pregnancy: 1st Trimester: 0.33 - 4.59 2nd Trimester: 0.35 - 4.10 3rd Trimester: 0.21 - 3.15	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 .

**Total T3 (Tri-iodothyronine-Total)	1.15	ng/mL	0.8 - 2.0 Pregnancy: 1st Trimester: 1.04 - 2.29 2nd Trimester: 1.28 - 2.62 3rd Trimester: 1.35 - 2.61	ECLIA
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Conversion Formula: (Concentration in ng/mL) x (1.536) = nmol/L. The determination of T3 is utilized in the diagnosis of T3hyperthyroidism, the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia. 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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