

LABORATORY REPORT

Name	: ZIPPORAH KAIRUU NJERI	File. No.	: AAL02-367081
DOB/Gender	: 24-04-1989 (34 Yrs 8 Month 1 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233590063	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 25-12-2023 13:07	Clinic File No	: 33787
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	3.74 ^L	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	10.7 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	31.6 ^L	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	84.5	fl	83.0 - 101.0	Calculation
MCH	28.6	pg	27-32	Calculation
MCHC	33.9	g/dL	31.5 - 34.5	Calculation
Platelet Count	169	10 ³ /uL	150-400	HF (DCD)
WBC	6.91	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	46.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.2 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.4	%	2-10	Flow Cytometry
Eosinophils	3.0	%	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)	3.23	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.85	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	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:

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 : 25-12-2023 10:00:00

Authenticated On : 25-12-2023 14:11:46

Printed On : 25-12-2023 15:46:46

Received On : 25-12-2023 13:07:00

Released On : 25-12-2023 15:23:11

Wasik

Wasik Hasan Tisekar

Laboratory Technician

DHA-P-0039673

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
FSH (serum)	4.600	mIU/mL	Follicular Phase: 2.8 - 11.3 Follicular phase, d 2-3: 3.0 - 14.4 Midcycle: 5.8 - 21 Luteal Phase: 1.2 - 9.0 Oral Contraceptives: < 4.9 Postmenopausal: 21.7 - 153	CLIA
LH (serum)	5.530	mIU/mL	Follicular phase: 1.7 - 15.0 Midcycle peak: 21.9 -56.6 Luteal phase: 0.6 - 16.3 Postmenopausal: 14.2 - 52.3	CLIA

Concentration of biotin greater than 1500 ng/mL may affect the patient result.

Prolactin (serum)	14.90	ng/mL	Entire Cycle: 4.6 - 37 Follicular Phase: 4.5 - 33 Midcycle: 6.3 - 46 Luteal Phase: 4.9 - 40	CLIA
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Concentration of biotin greater than 1500 ng/mL may affect the patient result.

**TSH (Thyroid Stimulating Hormone)	1.4000	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
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Conversion Formula: (Concentration in IU/ mL) × (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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Dr. Solmaz Siddiqui
Laboratory Director
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