

LABORATORY REPORT

Name	: RANDA ROSHDY GIRGIS BESADA	File. No.	: AAL02-307892
DOB/Gender	: 29-11-1980 (42 Yrs 10 Month 12 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232710238	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 28-09-2023 12:33	Clinic File No	: 33458
Insurance	: MEDNET		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.34 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	11.7 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	37.1	%	36.0 - 46.0	Hydrodynamic focusing
MCV	69.5 ^L	fl	83.0 - 101.0	Calculation
MCH	21.9 ^L	pg	27-32	Calculation
MCHC	31.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	156	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	4.88	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	44.1	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	44.7 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.4	%	2-10	Flow Cytometry
Eosinophils	1.0	%	1 - 6	Flow Cytometry
Basophils	0.8	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.15	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.18	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.46	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.05	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:

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 : 28-09-2023 10:00:00
Authenticated On : 28-09-2023 18:07:03
Printed On : 28-09-2023 21:56:25

Received On : 28-09-2023 15:05:00
Released On : 28-09-2023 18:16:06

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	74.27	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH
<i>Sample Type : Fluoride Plasma</i>				
ALT / GPT (serum)	12.9	U/L	<= 55	NADH w/o P5P
AST / GOT - (serum)	13.5	U/L	5.0 - 34.0	NADH w/o P5P
Creatinine (serum)	0.92	mg/dL	0.5 - 1.1	Alkaline Picrate
<i>Kindly note that the reference range is effective from 17-01-2023.</i>				
Magnesium (serum)	2.00	mg/dL	1.60 - 2.60	Enzymatic
Urea (serum)	48.09^H	mg/dL	12.84 - 42.80	Urease

Kindly note new reference range for Urea effective from 31/1/2022

Remarks:

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

Sample Type : Serum

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (serum)	3.9845	μIU/mL	0.3500 - 4.9400 Pregnancy First Trimester : 0.1 - 2.5 Second Trimester : 0.2 - 3.0 Third Trimester : 0.3 - 3.0	CMIA
Total T3 (serum)	83.8	ng/dL	35.0 - 193.0	CMIA
<i>Kindly note new reference range for Total T3 effective from 06/03/2021</i>				
Total T4 (serum)	9.03	ug/dL	4.87 - 11.72	CMIA

Sample Type : Serum

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

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