

LABORATORY REPORT

Name	: NASIM AFZAL	File. No.	: AAL02-163601
DOB/Gender	: 01-01-1955 (68 Yrs 11 Month 5 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233390080	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 05-12-2023 12:29	Clinic File No	: 36534
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	2.90 ^L	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	8.2 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	25.6 ^L	%	36.0 - 46.0	Hydrodynamic focusing
MCV	88.3	fl	83.0 - 101.0	Calculation
MCH	28.3	pg	27-32	Calculation
MCHC	32.0	g/dL	31.5 - 34.5	Calculation
Platelet Count	225	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	10.67 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	75.1	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	14.2 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.7	%	2-10	Flow Cytometry
Eosinophils	2.3	%	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)	8.00 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.52	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.82	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.25	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.08	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 : 05-12-2023 11:00:00
Authenticated On : 05-12-2023 17:06:45
Printed On : 05-12-2023 18:02:31

Received On : 05-12-2023 12:30:00
Released On : 05-12-2023 17:12:26



Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
**Calcium	8.55^L	mg/dL	8.8 - 10.2	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Creatinine (serum)	6.45^H [Critical]	mg/dL	0.5 - 1.2	Alkaline Picrate
Kindly note that the reference range is effective from 17-01-2023.				
Phosphorus (serum)	7.3^H	mg/dL	2.3 - 4.7	Phosphomolybd ate
Urea (serum)	216.14^H [Critical]	mg/dL	17.12 - 49.22	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.
Discussed with Dr.Solmaz.

Sample Type : Serum

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Laboratory Director
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ELECTROLYTES W/ HCO₃ CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
*Sodium (serum)	133.0 ^L	mmol/L	135.0 - 145.0	ISE
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Potassium (serum)	6.2 ^H [Critical]	mmol/L	3.8 - 5.5	ISE
Please note Reference Range Reviewed w.ef 15/10/2023.				
Remarks:				
Test result to be interpreted in the light of clinical history and to be investigated further if necessary.				
*Chloride (serum)	104.0	mmol/L	98.0 - 107.0	ISE
Please note Reference Range Reviewed w.ef 15/10/2023.				
*Total CO ₂ (Bicarbonate)	13.0 ^L	mmol/L	23.0 - 31.0	Photometry

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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Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

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Padmapriya Kumaresan
Sr. Technician
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