

LABORATORY REPORT

Name	: MICHELLE SANTIAGO OXCIANO	File. No.	: AAL02-375921
DOB/Gender	: 21-07-1978 (45 Yrs 7 Month 18 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240400280	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 09-02-2024 21:03:15	Clinic File No	: 35314
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>BLOOD GROUP-RH (ABO-RH)</u>				
Blood Group	O			Gel Agglutination
Blood Group, Rh.	Positive			Gel Agglutination
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.50 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	9.5 ^L	g/dl	12.0 - 15.0	Photometry-SLS
HCT	31.6 ^L	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	57.5 ^L	fl	83.0 - 101.0	Calculation
MCH	17.3 ^L	pg	27-32	Calculation
MCHC	30.1 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	402 ^H	10 ³ /uL	150-400	HF (DCD)
WBC	6.21	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	69.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	23.7	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.2	%	2-10	Flow Cytometry
Eosinophils	1.4	%	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)	4.30	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.47	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.32	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.09	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

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

Patient Sample Collected On : 09-02-2024 18:30:00
Authenticated On : 10-02-2024 00:24:07

Received On : 09-02-2024 21:41:00
Released On : 10-02-2024 00:32:12



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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Test Name	Result	Units	Ref. Range	Method
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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.

Sample Type : EDTA WB

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COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)</u>				
APTT, test	33.7	Sec	26.0 - 40.0	Clot Detection-Optical
APTT Control	35.0	Sec		Clot Detection-Optical
Prothrombin Time	11.3	Sec	9.4 - 12.5	Clot Detection-Optical
PT Control	11.0	Sec		Clot Detection-Optical
INR	1.03		Normal Individuals: 0.8 - 1.2 Therapeutic Range: 2.0 - 3.0	Calculation

INR Therapeutic Ranges:

Prophylaxis of deep vein thrombosis } 2.0 - 3.0

Treatment of deep vein thrombosis, pulmonary embolism } 2.0 - 3.0

Prophylaxis of systemic embolism } 2.0 - 3.0

Recurrent systemic embolism } 2.5 - 3.5

Mechanical prosthetic heart valves } 2.5- 3.5

Kindly note new reference range for PT INR effective from 8/3/2017

Sample Type : Citrate Plasma

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	101.00	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

Sample Type : Fluoride Plasma

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IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

Test Name	Result	Units	Ref. Range	Method
Hepatitis B surface Ag	0.38	Cutoff Index (COI)	Non Reactive: <0.90 Borderline: >= 0.90 to < 1.0 Reactive: >= 1.0	ECLIA

Hepatitis B "s" Ag Interpretation Non-Reactive

Full HepB profile is recommended in case of a Reactive result. HBs Ag Index value is an instrument dependant value and should not be used for monitoring.

For monitoring HepB levels (track treatment), a quantitative viral load by PCR is advised.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 20/10/23

Hepatitis C Virus Abs	0.04	Cutoff Index (COI)	Non Reactive: <0.90 Borderline: >= 0.90 to < 1.0 Reactive: >=1.0	ECLIA
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Hepatitis C Virus Ab Interpretation Non-Reactive

Note: Patient with acute HCV infection may still be non-reactive for HCV abs ('diagnostic window'). Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 15/10/23

HIV I & II Abs + p24 Ag	0.22	Cutoff Index (COI)	Non Reactive: <1.0 Reactive: >=1.0	ECLIA
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HIV Interpretation Non-Reactive

Kindly note above test is just a screening test.

Note: Patients at a very early stage of infection may still be non-reactive for HIV Abs or detect p24 antigen. If HIV is suspected, a control sample is recommended in 4-6 weeks.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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**KIDNEY FUNCTION TEST
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Urea	34.40	mg/dL	12.86 - 42.64	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Creatinine (serum)	0.88	mg/dL	0.50-0.90	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Uric Acid	3.56	mg/dL	2.40 - 5.70	Uricase
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.88	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Phosphorous	2.97	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Protein - Total	6.82	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.17	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.65	g/dL	2.50 - 3.50	Calculation
Sodium	140.10	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	4.12	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Chloride (serum)	105.80	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				

Sample Type : Serum

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

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