

LABORATORY REPORT

Name	: FAIZAL KIZHAKKE PEERATHIL	File. No.	: AAL02-329333
DOB/Gender	: 10-03-1989 (34 Yrs 4 Month 9 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22231990229	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 18-07-2023 15:28	Clinic File No	: 40530
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.85	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.0	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.0	%	40.0 - 50.0	Hydrodynamic focusing
MCV	86.6	fl	83.0 - 101.0	Calculation
MCH	28.9	pg	27-32	Calculation
MCHC	33.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	218	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	10.17 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	84.4 ^H	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	9.1 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.3	%	2.0-10.0	Flow Cytometry
Eosinophils	0.0 ^L	%	1 - 6	Flow Cytometry
Basophils	0.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	8.58 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	0.93 ^L	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.64	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.00 ^L	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	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 : 18-07-2023 14:14:00
Authenticated On : 18-07-2023 17:41:45
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Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
<u>ERYTHROCYTE SEDIMENTATION RATE (ESR)</u>				
ESR (whole blood)	11^H	mmhr	up to 10	Modified Westergren

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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	47.49 ^H	mg/L	< 5.0	Immunoturbidimetric
Creatinine (serum)	1.33 ^H	mg/dL	0.6 - 1.2	Alkaline Picrate
Urea (serum)	25.47	mg/dL	12.84 - 42.80	Urease

Kindly note that the reference range is effective from 17-01-2023.

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

Remarks:

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Sample Type : Serum

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>STOOL ANALYSIS</u>				
<u>STOOL (MACROSCOPY)</u>				
Color	Brown		Brown	Manual Macroscopy
Consistency	Loose		Formed/Soft	Macroscopy
Blood	Absent		Absent	Macroscopy
Mucus	Present		Absent	Macroscopy
<u>STOOL MICROSCOPY</u>				
Pus Cells	20 - 25	HPF	1 - 2	Microscopy
RBC	2 - 4	HPF	0 - 1	Microscopy
Epithelial cells	Absent	HPF	Absent	Microscopy
CYSTS	Absent	HPF	Absent	Microscopy
OVA	Absent	HPF	Absent	Microscopy
Parasites	Absent	HPF	Absent	Microscopy
Protozoa	Absent	HPF	Absent	Microscopy
Worms	Absent	HPF	Absent	Microscopy
Indigestive material	Absent	HPF	Absent	Microscopy
Yeast Cells	Absent	HPF	Absent	Microscopy

Kindly note test reports for Stool samples include Parasitology (Ova, Cysts & Parasites). This is based on wet mount and not concentrated process.

Sample Type : Stool

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**ELECTROLYTES PANEL
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Sodium (serum)	137.0	mmol/L	135.0 - 145.0	ISE
Potassium (serum)	4.2	mmol/L	3.8 - 5.5	ISE
Chloride (serum)	103.0	mmol/L	98.0 - 107.0	ISE
*Total CO2 (Bicarbonate)	19.7 ^L	mmol/L	22.0 - 29.0	Photometry

Remarks:

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Sample Type : Serum

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

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