

LABORATORY REPORT

Name	: ALI PARVEZ KHAN	File. No.	: AAL02-362261
DOB/Gender	: 29-08-1986 (37 Yrs 3 Month 2 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233350294	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-12-2023 21:54	Clinic File No	: 39314
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.79 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.5	%	40.0 - 50.0	Hydrodynamic focusing
MCV	80.3 ^L	fl	83.0 - 101.0	Calculation
MCH	27.5	pg	27-32	Calculation
MCHC	34.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	255	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	11.76 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	75.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	15.5 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.8	%	2.0-10.0	Flow Cytometry
Eosinophils	0.9 ^L	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	8.87 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.82	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.92	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.10	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.05	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.

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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 : 01-12-2023 20:00:00
Authenticated On : 01-12-2023 23:43:07
Printed On : 02-12-2023 00:06:14

Received On : 01-12-2023 21:55:00
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Reprinted On : 02-12-2023 12:28:32



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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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
HbA1c (Glycosylated Hb)	5.64	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

**Glucose (Fasting)	91.10	mg/dL	70 - 100	HK/G-6-PDH
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Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Fluoride Plasma

**Alanine Aminotransferase (ALT / GPT)	30.20	U/L	10-50.0	NADH w/ P5P
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Please note Reference Range Reviewed w.ef 15/10/23

**Aspartate Aminotransferase(AST / GOT)	19.30	U/L	10 - 50	NADH w/ P5P
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Please note Reference Range Reviewed w.ef 15/10/23

**Calcium	9.33	mg/dL	8.6 - 10.3	NM-BAPTA
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Please note Reference Range Reviewed w.ef 15/10/23

Creatinine (serum)	0.93	mg/dL	0.6 - 1.2	Alkaline Picrate
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Kindly note that the reference range is effective from 17-01-2023.

Urea (serum)	31.74	mg/dL	12.84 - 42.80	Urease
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Kindly note new reference range for Urea effective from 31/1/2022

Sample Type : Serum

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IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

Test Name	Result	Units	Ref. Range	Method
H.pylori Abs - IgG	52.2 ^H	UA/mL	Negative: < 8 Doubtful: 8 - 12 Positive: > 12	ELISA

Remarks:

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Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
**Cholesterol	158.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
**Triglycerides	288.00 ^H	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
**HDL Cholesterol	27.20 ^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
**LDL Cholesterol	94.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
**VLDL	36.80 ^H	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	5.809	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

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Sample Type : Serum

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

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