

# Al Abbar Laboratories for Research and مختبرات العبارللأبحاث و التحاليل الطبية Medical Analysis



إدارة دبن للإعتماد طبقا لمواصفات الأيزو ١٥١٨٩ ما المام Dubai Accreditation Department for ISO 15189

#### LABORATORY REPORT

Name : **ZEESHAN AHMAD AZIZ AHMAD** 

DOB/Gender : 07-01-1990 (34 Yrs 29 Days/Male)

Lab No. : **22240360105** 

Request Date : 05-02-2024 13:44

Insurance : No

File. No. : **AAL02-375031** 

Referral Doctor : Dr. Sajid Sanaullah Khan

Referral Clinic : Peshawar(Irham Medical Center)

Clinic File No : 40923

### **HAEMATOLOGY & COAGULATION**

COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL.           RBC         5.32         10^12/L         4.50 - 5.50         Hydrodynamic focusing (DC Detection)           Haemoglobin         14.3         g/dl         13.0 - 17.0         Photometry-SLS.           HCT         44.7         %         40.0 - 50.0         Hydrodynamic focusing (HF)           MCV         84.0         fl         83.0 - 101.0         Calculation           MCH         26.9 L         pg         27-32         Calculation           MCHC         32.0         g/dl         31.5 - 34.5         Calculation           MCHC         32.0         g/dl         31.5 - 34.5         Calculation           Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)         V         4.00 - 10.00         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Lymphocytes         6.3         %         2.0 - 10.0         Flow Cytometry           Basophils         0.5         %         1 - 6         Flow Cytometry           Banc	Test Name	Result	Units	Ref. Range	Method
Haemoglobin         14.3         g/dl         13.0 - 17.0         Photometry-SLS           HCT         44.7         %         40.0 - 50.0         Phydrodynamic focusing (HF)           MCV         84.0         fl         83.0 - 101.0         Calculation           MCH         26.9 L         pg         27-32         Calculation           MCHC         32.0         g/dL         31.5 - 34.5         Calculation           MEC         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)         V         40.0 - 80.0         Flow Cytometry           Lymphocytes         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         6.3         %         20.0 - 40.0         Flow Cytometry           Eosinophilis         0.7 L         %         1 - 6         Flow Cytometry           Band Forms         0.5         %         1 - 6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V         200 - 7.00         Calculation           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation <td>COMPLETE BLOOD COUNT (CE</td> <td>BC) WITH DIFFERENTIA</td> <td><u>AL</u></td> <td></td> <td></td>	COMPLETE BLOOD COUNT (CE	BC) WITH DIFFERENTIA	<u>AL</u>		
HCT         44.7         %         40.0 - 50.0         Hydrodynamic focusing (HF)           MCV         84.0         fl         83.0 - 101.0         Calculation           MCH         26.9 L         pg         27-32         Calculation           MCHC         32.0         g/dL         31.5 - 34.5         Calculation           Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         6.3         %         20.0 - 40.0         Flow Cytometry           Eosinophils         0.7 L         %         2.0-10.0         Flow Cytometry           Basophils         0.5         %         <1-6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V         < 6         Flow Cytometry           Place (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Monocytes (Absolute)	RBC	5.32	10^12/L	4.50 - 5.50	focusing (DC
MCV         84.0         fl         83.0 - 101.0         Calculation           MCH         26.9 L         pg         27-32         Calculation           MCHC         32.0         g/dL         31.5 - 34.5         Calculation           Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Basophils         0.7 L         %         41-6         Flow Cytometry           Basophils (Absolute)         0.5         %         41-2         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V         200 - 7.00         Calculation           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         2.00 - 7.00         Calculation           Monocytes (Absol	Haemoglobin	14.3	g/dl	13.0 - 17.0	Photometry-SLS
MCH         26.9 L         pg         27-32         Calculation           MCHC         32.0         g/dL         31.5 - 34.5         Calculation           Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Essinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V          <6         Flow Cytometry           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         0.95         10^3/uL         0.00 - 3.00         Calculation           Monocytes (Absolute)         0.91         10^3/uL         0.02 - 0.50         Calculation	НСТ	44.7	%	40.0 - 50.0	
MCHC         32.0         g/dL         31.5 - 34.5         Calculation           Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0 - 10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1 - 2         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         2.00 - 7.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/u	MCV		fl	83.0 - 101.0	Calculation
Platelet Count         412 H         10^3/uL         150 - 400         HF (DCD)           WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         <6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V          <2.00 - 7.00         Calculation           Lymphocytes (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculat	MCH	26.9 <sup>L</sup>	pg	27-32	Calculation
WBC         15.16 H         10^3/uL         4.00 - 10.00         Flow Cytometry           DIFFERENTIAL COUNT (%)         Flow Cytometry           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         <6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V          <6         Flow Cytometry           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         2.00 - 7.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0	MCHC		g/dL	31.5 - 34.5	Calculation
DIFFERENTIAL COUNT (%)           Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0 - 10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1 - 2	Platelet Count		10^3/uL	150 - 400	HF (DCD)
Neutrophils         69.2         %         40.0 - 80.0         Flow Cytometry           Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2	WBC	15.16 <sup>H</sup>	10^3/uL	4.00 - 10.00	Flow Cytometry
Lymphocytes         23.3         %         20.0 - 40.0         Flow Cytometry           Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         < 6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         10.50 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	<b>DIFFERENTIAL COUNT (%)</b>				
Monocytes         6.3         %         2.0-10.0         Flow Cytometry           Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         < 6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)         V         V         V         Calculation           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Neutrophils	69.2	%	40.0 - 80.0	Flow Cytometry
Eosinophils         0.7 L         %         1 - 6         Flow Cytometry           Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         < 6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Lymphocytes	23.3	%	20.0 - 40.0	Flow Cytometry
Basophils         0.5         %         <1-2         Flow Cytometry           Band Forms         0.0         %         <6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Monocytes		%	2.0-10.0	Flow Cytometry
Band Forms         0.0         %         < 6         Flow Cytometry           DIFFERENTIAL COUNT (ABSOLUTE)           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Eosinophils	0.7 <sup>L</sup>	%	1 - 6	Flow Cytometry
DIFFERENTIAL COUNT (ABSOLUTE)           Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Basophils	0.5	%	<1-2	Flow Cytometry
Neutrophils (Absolute)         10.50 H         10^3/uL         2.00 - 7.00         Calculation           Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Band Forms	0.0	%	< 6	Flow Cytometry
Lymphocytes (Absolute)         3.53 H         10^3/uL         1.00 - 3.00         Calculation           Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	DIFFERENTIAL COUNT (ABSOL	. <u>UTE)</u>			
Monocytes (Absolute)         0.95         10^3/uL         0.20 - 1.00         Calculation           Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Neutrophils (Absolute)		10^3/uL	2.00 - 7.00	Calculation
Eosinophils (Absolute)         0.11         10^3/uL         0.02 - 0.50         Calculation           Basophils (Absolute)         0.07         10^3/uL         0.02 - 0.10         Calculation	Lymphocytes (Absolute)	3.53 <sup>H</sup>	10^3/uL	1.00 - 3.00	Calculation
Basophils (Absolute)0.0710^3/uL0.02 - 0.10Calculation	Monocytes (Absolute)	0.95	10^3/uL	0.20 - 1.00	Calculation
	Eosinophils (Absolute)	0.11	10^3/uL	0.02 - 0.50	Calculation
Band Forms (Absolute) 0.00 10^3/uL < 0.66 Calculation	Basophils (Absolute)	0.07	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. Sample Type: EDTA WB

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 : 05-02-2024 12:00:00 Received On : 05-02-2024 13:45:00
Authenticated On : 05-02-2024 16:00:10 Released On : 05-02-2024 16:30:43

Printed On: 05-02-2024 22:30:59

Pines

Padmapriya Kumareshan

Sr. Technician

DHA/LS2992011/243822





## Al Abbar Laboratories for Research and Medical Analysis مختبرات العبارللأبحاث و التحاليل الطبية



إدارة دبن للإعتماد طبقا لمواصفات الأيزو ١٥١٨٩ Dubai Accreditation Department for ISO 15189 المارة دبن للإعتماد طبقا لمواصفات الأيزو

#### LABORATORY REPORT

Name : ZEESHAN AHMAD AZIZ AHMAD

DOB/Gender : 07-01-1990 (34 Yrs 29 Days/Male)

Lab No. : 22240360105

Request Date : 05-02-2024 13:44

Insurance

File. No. : AAL02-375031

Referral Doctor : Dr. Sajid Sanaullah Khan

Referral Clinic : Peshawar(Irham Medical Center)

Clinic File No : 40923

**CLINICAL BIOCHEMISTRY** 

Ref. Range **Test Name** Result Units Method HK/G-6-PDH Glucose(RBS) 91.60 Fasting: 70 - 100 mg/dL 1 hr post eating: 70 - 187

2 hrs post eating: 70 - 134

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

Remarks:

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

Sample Type: Fluoride Plasma

**C-Reactive Protein (CRP)** 

5.89 H mg/L Immunoturbidim Negative < or = to 5.0 etric Assay

CRP is an acute phase protein whose concentration rises non -specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

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

Sample Type: Serum

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

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: 05-02-2024 12:00:00 Received On: 05-02-2024 13:45:00 Authenticated On: 05-02-2024 16:00:10

Released On: 05-02-2024 16:30:43

Printed On: 05-02-2024 22:30:59

Padmapriya Kumareshan

Sr. Technician

DHA/LS2992011/243822



