

LABORATORY REPORT

Name	: SAYED ALI SHAH UMAR FARZAND	File. No.	: AAL02-315151
DOB/Gender	: 13-04-1987 (36 Yrs 1 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231520169	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-06-2023 13:12	Clinic File No	: 37402
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.30	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.0	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.9	%	40.0 - 50.0	Hydrodynamic focusing
MCV	80.9 ^L	fl	83.0 - 101.0	Calculation
MCH	26.4 ^L	pg	27-32	Calculation
MCHC	32.6	g/dL	31.5 - 34.5	Calculation
Platelet Count	345	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	9.45	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	70.2	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	21.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.9	%	2.0-10.0	Flow Cytometry
Eosinophils	0.1 ^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)	6.63	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.02	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.75	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.01 ^L	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	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 : 31-05-2023 12:00:00
Authenticated On : 01-06-2023 14:30:47
Printed On : 01-06-2023 14:36:55

Received On : 01-06-2023 13:13:00
Released On : 01-06-2023 14:31:15

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

LABORATORY REPORT

Name	: SAYED ALI SHAH UMAR FARZAND	File. No.	: AAL02-315151
DOB/Gender	: 13-04-1987 (36 Yrs 1 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231520169	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-06-2023 13:12	Clinic File No	: 37402
Insurance	: No		

Test Name	Result	Units	Ref. Range	Method
-----------	--------	-------	------------	--------

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 : 31-05-2023 12:00:00 Received On : 01-06-2023 13:13:00
Authenticated On : 01-06-2023 14:30:47 Released On : 01-06-2023 14:31:15
Printed On : 01-06-2023 14:36:55

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

LABORATORY REPORT

Name	: SAYED ALI SHAH UMAR FARZAND	File. No.	: AAL02-315151
DOB/Gender	: 13-04-1987 (36 Yrs 1 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231520169	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-06-2023 13:12	Clinic File No	: 37402
Insurance	: No		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (whole blood)	5.6	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: => 6.5**	Enzymatic

* Requires screening by glucose criteria.

** Confirmed by repeating the test on a different day.

Kindly note new reference range for HbA1c effective from 7/6/2020.

Sample Type : EDTA WB

CRP - quant (serum)	6.80^H	mg/L	< 5.0	Immunoturbidimetric
Troponin I - Quantitative (serum)	0.0050	ng/mL	0.0000 - 0.0342	CMIA

Note: Values should be correlated with the clinical findings and ECG picture along with CKMB (Mass) and Myoglobin levels, before rulling out AMI. A

Sequential follow-up of Troponin I levels is recommended 4 hours and 8 hours post onset of symptoms/ post admission for suspected AMI cases.

Kindly note new reference range for Troponin I effective from 14/1/2016

Sample Type : Serum

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 : 31-05-2023 12:00:00
Authenticated On : 01-06-2023 14:30:47
Printed On : 01-06-2023 14:36:55

Received On : 01-06-2023 13:13:00
Released On : 01-06-2023 14:31:15

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

LABORATORY REPORT

Name	: SAYED ALI SHAH UMAR FARZAND	File. No.	: AAL02-315151
DOB/Gender	: 13-04-1987 (36 Yrs 1 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231520169	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-06-2023 13:12	Clinic File No	: 37402
Insurance	: No		

**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	172.0	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	69.0	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	33.7 ^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	135.3 ^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	13.8	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	5.1 ^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

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

Sample Type : Serum

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 : 31-05-2023 12:00:00
Authenticated On : 01-06-2023 14:20:03
Printed On : 01-06-2023 14:36:55

Received On : 01-06-2023 13:13:00
Released On : 01-06-2023 14:25:13

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

LABORATORY REPORT

Name	: SAYED ALI SHAH UMAR FARZAND	File. No.	: AAL02-315151
DOB/Gender	: 13-04-1987 (36 Yrs 1 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231520169	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 01-06-2023 13:12	Clinic File No	: 37402
Insurance	: No		

**ELECTROLYTE PROFILE
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Sodium (serum)	141.0	mmol/L	135.0 - 145.0	ISE
Potassium (serum)	4.8	mmol/L	3.8 - 5.5	ISE
Chloride (serum)	103.0	mmol/L	98.0 - 107.0	ISE

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 : 31-05-2023 12:00:00
Authenticated On : 01-06-2023 14:20:03
Printed On : 01-06-2023 14:36:55

Received On : 01-06-2023 13:13:00
Released On : 01-06-2023 14:25:13

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822