

LABORATORY REPORT

Name	: ADEEL AHMAD SHAKEL AHMED	File. No.	: AAL02-339694
DOB/Gender	: 30-06-1989 (34 Yrs 1 Month 30 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22232410211	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 29-08-2023 15:01	Clinic File No	: 40811
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.76 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.5	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.4	%	40.0 - 50.0	Hydrodynamic focusing
MCV	80.6 ^L	fl	83.0 - 101.0	Calculation
MCH	26.9 ^L	pg	27-32	Calculation
MCHC	33.4	g/dL	31.5 - 34.5	Calculation
Platelet Count	214	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	11.18 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	77.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	13.1 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.6	%	2.0-10.0	Flow Cytometry
Eosinophils	1.0	%	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)	8.71 ^H	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.46	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.85	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.11	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.

These tests are accredited under ISO 15189:2012 unless specified by (*)

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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 : 29-08-2023 12:00:00
Authenticated On : 29-08-2023 16:13:37
Printed On : 29-08-2023 18:53:56

Received On : 29-08-2023 15:03:00
Released On : 29-08-2023 16:40:26



Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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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
CRP - quant (serum)	19.18 ^H	mg/L	< 5.0	Immunoturbidimetric

Remarks:

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Sample Type : Serum

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>URINE ROUTINE (URINALYSIS)</u>				
<u>PHYSICAL EXAMINATION</u>				
Color	Yellow		Yellow	Light Scatter
Appearance	Turbid		Clear	Light Scatter
Specific Gravity	1.025		1.005 - 1.030	Refractrometry
PH	5.00		4.6 - 8.0	Litmus reaction
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Negative		Negative	Dye Binding
Blood	Negative		Negative	Peroxidase Activity/Reflectance
Bilirubin	Negative		Negative	Acidified Diazo Coupling
Urobilinogen	Normal	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Negative		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	2 - 4	/HPF	1 - 4	F.D.I/Microscopy
RBC's	0 - 1	/HPF	0 - 2	F.D.I/Microscopy
Epithelial cells	0 - 1	/HPF	1 - 4	F.D.I/Microscopy
Bacteria	Absent	/HPF	Absent	F.D.I/Microscopy
Yeast cells	Absent	/HPF	Absent	F.D.I/Microscopy
Trichomonas Vaginalis	Absent	/HPF	Absent	F.D.I/Microscopy
Mucus Threads	+	/HPF	Absent	F.D.I/Microscopy
Crystals	Absent	/HPF	Absent	F.D.I/Microscopy
Casts	Absent	/LPF	Absent	F.D.I/Microscopy

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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Authenticated On : 29-08-2023 17:52:32 Released On : 29-08-2023 17:56:36
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Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
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Bilirubin and Urobilinogen if clinically indicated.

Kindly note the new methodology is effective from 31-10-2022.

Sample Type : Urine

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**INFLUENZA VIRUS TYPE A & B ANTIGEN
IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES**

Test Name	Result	Units	Ref. Range	Method
*Influenza Virus Type A Antigen	Negative	Qualitative	Negative	Immunochromatography

Please note, the sensitivity of this Immunoassay is 50 - 70 % according to the Center of Disease Control (CDC), Atlanta. According to the manufacturer the sensitivity is 90 %. Therefore we recommend to better test for PCR.

*Influenza Virus Type B Antigen	Negative	Qualitative	Negative	Immunochromatography
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Sample Type : Nasopharyngeal Swab

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

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Padmapriya Kumaresan
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