

LABORATORY REPORT

Name	: LUZ BELTRAN	File. No.	: AAL02-397642
DOB/Gender	: 24-05-1976 (48 Yrs 7 Days/Female)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22241520322	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 31-05-2024 20:15:45	Clinic File No	: 43262
Insurance	: ALMADALLAH HEALTHCARE MANAGEMENT		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.43 ^H	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.5	g/dl	12.0 - 15.0	Photometry-SLS
HCT	40.5	%	36.0 - 46.0	Hydrodynamic focusing (HF)
MCV	74.6 ^L	fl	83.0 - 101.0	Calculation
MCH	23.0 ^L	pg	27-32	Calculation
MCHC	30.9 ^L	g/dL	31.5 - 34.5	Calculation
Platelet Count	402 ^H	10 ³ /uL	150-400	HF (DCD)
WBC	8.82	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	69.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	21.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.4	%	2-10	Flow Cytometry
Eosinophils	1.6	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	6.13	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.86	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.65	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.14	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:

Recommended to do peripheral smear, iron studies and thalassemia screening.
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 pertain 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

Patient Sample Collected On : 31-05-2024 12:00:00
Authenticated On : 31-05-2024 21:33:23

Received On : 31-05-2024 20:17:00
Released On : 31-05-2024 21:39:35



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/
241430

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Test Name	Result	Units	Ref. Range	Method
<u>ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED</u>				
ESR (whole blood)	8	mmhr	up to 15	Modified Westergren

Sample Type : EDTA WB

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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	Slightly-Cloudy		Clear	Light Scatter
Specific Gravity	1.017		1.005 - 1.030	Refractrometry
PH	7.50		4.6 - 8.0	Litmus reaction
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Trace		Negative	Dye Binding
Blood	+++		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	90 - 100	/HPF	0 - 2	F.D.I/Microscopy
Epithelial cells	6 - 10	/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
Calcium Oxalate Crystals	Rare	/HPF	Absent	F.D.I/Microscopy
Amorphous Phosphate	Few	/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

Bilirubin and Urobilinogen if clinically indicated.

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Kindly note that there are chances of false negative result for *Trichomonas vaginalis*, as *Trichomonas vaginalis* viability is temperature and time sensitive.

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

Sample Type : Urine

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

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