

LABORATORY REPORT

Name	: WASANA DILHANI	File. No.	: AAL02-322895
DOB/Gender	: 28-07-1990 (32 Yrs 10 Month 27 Days/Female)	Referral Doctor	: Dr. Syeda Ali
Lab No.	: 22231750002	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 24-06-2023 09:22	Clinic File No	: 39063
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.12	10 ¹² /L	3.80 - 4.80	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.2	g/dl	12.0 - 15.0	Photometry-SLS
HCT	36.8	%	36.0 - 46.0	Hydrodynamic focusing
MCV	89.3	fl	83.0 - 101.0	Calculation
MCH	29.6	pg	27-32	Calculation
MCHC	33.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	302	10 ³ /uL	150-400	Hydrodynamic Focusing(DCD)
WBC	8.86	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	60.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	31.0	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.6	%	2-10	Flow Cytometry
Eosinophils	2.4	%	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)	5.36	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.75	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.50	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.21	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

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 : 23-06-2023 20:00:00
Authenticated On : 24-06-2023 16:44:04
Printed On : 24-06-2023 16:59:04

Received On : 24-06-2023 09:33:00
Released On : 24-06-2023 16:48:50

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

Pring

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
B-HCG (serum)	18746.88^H	mIU/ml	Nonpregnant: < 5.0	CMIA
B-HCG ranges during normal pregnancy are:				
Weeks post LMP = B-HCG (mIU/ml)				
3-4 weeks = 9 -130				
4-5 weeks = 75 - 2600				
5-6 weeks = 850 - 20800				
6-7 weeks = 4000 - 100200				
7-12 weeks = 11500 - 289000				
12-16 weeks = 18300 - 137000				
16-29 weeks = 1400 - 53000				
29-41 weeks = 940 - 60000				
Free T3 (serum)	2.71	pg/mL	1.58 - 3.91 Pregnancy: 2.0 - 3.80	CMIA
Kindly note new reference range for FT3 effective from 11/10/2022				
Free T4 (serum)	1.21	ng/dL	0.70 - 1.48 Pregnancy : First Trimester : 0.7 - 2.0 Second and third trimester : 0.5 - 1.6	CMIA
TSH (serum)	1.3803	μIU/mL	0.3500 - 4.9400 Pregnancy First Trimester : 0.1 - 2.5 Second Trimester : 0.2 - 3.0 Third Trimester : 0.3 - 3.0	CMIA

Remarks:

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

Sample Type : Serum

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H/L Collected On : 23-06-2023 20:00:00
Authenticated On : 24-06-2023 14:56:33
Printed On : 24-06-2023 15:22:01

Received On : 24-06-2023 09:33:00
Released On : 24-06-2023 14:57:16
Reprinted On : 24-06-2023 16:59:04

Padmapriya Kumareshan
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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	Colourless		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.004 ^L		1.005 - 1.030	Refractrometry
PH	6.50		4.6 - 8.0	pH.I/Reflectance
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	1 - 2	/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	Absent	/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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Reference range related to Age/Gender.

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Printed On : 24-06-2023 15:57:21

Received On : 24-06-2023 09:33:00
Released On : 24-06-2023 15:45:17
Reprinted On : 24-06-2023 16:59:04

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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 : Mid-stream Urine

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

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