

LABORATORY REPORT

Name	: SHAM MOHAMMAD	File. No.	: AAL02-348899
DOB/Gender	: 18-12-2016 (6 Yrs 9 Month 14 Days/Female)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232750097	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 02-10-2023 12:53	Clinic File No	: 33139
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.68	10 ¹² /L	4.00 - 5.20	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.3	g/dl	11.5 - 15.5	Photometry-SLS
HCT	38.1	%	35.0 - 45.0	Hydrodynamic focusing
MCV	81.4	fl	77.0 - 95.0	Calculation
MCH	28.4	pg	25.0 - 33.0	Calculation
MCHC	34.9	g/dL	31.0 - 37.0	Calculation
Platelet Count	355	10 ³ /uL	170 - 450	Hydrodynamic Focusing(DCD)
WBC	9.43	10 ³ /uL	5.00 - 13.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	47.1	%	22.0 - 89.0	Flow Cytometry
Lymphocytes	45.9	%	25.0 - 65.0	Flow Cytometry
Monocytes	4.7	%	2.0 - 10.0	Flow Cytometry
Eosinophils	1.1	%	1.0 - 8.0	Flow Cytometry
Basophils	1.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.45	10 ³ /uL	2.00 - 8.00	Calculation
Lymphocytes (Absolute)	4.33	10 ³ /uL	1.00 - 5.00	Calculation
Monocytes (Absolute)	0.44	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.10	10 ³ /uL	0.10 - 1.00	Calculation
Basophils (Absolute)	0.11	10 ³ /uL	< 0.15	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.9	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 : 02-10-2023 11:00:00
Authenticated On : 02-10-2023 16:28:15
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Received On : 02-10-2023 12:53:00
Released On : 02-10-2023 16:28:56

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	71.27	mg/dL	Fasting: 60 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH
<i>Sample Type : Fluoride Plasma</i>				
CRP - quant (serum)	0.35	mg/L	< 5.0	Immunoturbidimetric
Creatinine (serum)	0.44	mg/dL	0.44 - 0.65	Alkaline Picrate
<i>Kindly note that the reference range is effective from 17-01-2023.</i>				
Urea (serum)	22.41	mg/dL	19.26 - 47.29	Urease

Kindly note new reference range for Urea effective from 31/1/2022

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	Light Yellow		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.013		1.005 - 1.030	Refractrometry
PH	7.00		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	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	Few	/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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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

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

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