

LABORATORY REPORT

Name	: KANNAN SWAMINATHAN	File. No.	: AAL02-343743
DOB/Gender	: 13-02-1965 (58 Yrs 7 Month /Male)	Referral Doctor	: Dr. Rashmi Keshava Murthy Mosale
Lab No.	: 22232550246	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 12-09-2023 14:57	Clinic File No	: 40924
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.80	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.5	g/dl	13.0 - 17.0	Photometry-SLS
HCT	43.7	%	40.0 - 50.0	Hydrodynamic focusing
MCV	91.0	fl	83.0 - 101.0	Calculation
MCH	30.2	pg	27-32	Calculation
MCHC	33.2	g/dL	31.5 - 34.5	Calculation
Platelet Count	221	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.02	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	62.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	27.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	5.8	%	2.0-10.0	Flow Cytometry
Eosinophils	4.3	%	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)	3.73	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.65	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.35	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.26	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	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 : 12-09-2023 11:00:00
Authenticated On : 12-09-2023 16:51:26
Printed On : 13-09-2023 01:28:17

Received On : 12-09-2023 15:09:00
Released On : 12-09-2023 17:03:51
Reprinted On : 13-09-2023 11:23:48

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (whole blood)	8.1^H	%	Normal: ≤ 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: ≥ 6.5**	Enzymatic

* Requires screening by glucose criteria.

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

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

Sample Type : EDTA WB

Glucose - Fasting	143.88^H	mg/dL	70 - 100	Hexokinase/G-6-PDH
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According to American Diabetes Association 2010, fasting plasma glucose (FPG) levels of (100-125 mg/dl) are in the increased risk category for diabetes.

Remarks:

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

Sample Type : Fluoride Plasma

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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	Clear		Clear	Light Scatter
Specific Gravity	1.027		1.005 - 1.030	Refractrometry
PH	7.50		4.6 - 8.0	Litmus reaction
Glucose	++++		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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Reference range related to Age/Gender.

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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.

Remarks:

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

Sample Type : Urine

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

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