

LABORATORY REPORT

Name	: PRASHANT SHANKAR HEGDE SHANKAR MAHABAL HEGDE	File. No.	: AAL02-356599
DOB/Gender	: 29-10-1972 (51 Yrs 3 Month 20 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240490180	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 18-02-2024 15:15	Clinic File No	: 39628
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.93	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.5	g/dl	13.0 - 17.0	Photometry-SLS
HCT	43.8	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	88.8	fl	83.0 - 101.0	Calculation
MCH	29.4	pg	27-32	Calculation
MCHC	33.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	276	10 ³ /uL	150 - 400	HF (DCD)
WBC	5.72	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	47.6	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	35.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	11.9 ^H	%	2.0-10.0	Flow Cytometry
Eosinophils	5.1	%	1 - 6	Flow Cytometry
Basophils	0.3	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.72	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.01	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.68	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	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 (*)

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 : 18-02-2024 14:00:00
Authenticated On : 18-02-2024 19:13:33
Printed On : 18-02-2024 19:40:49

Received On : 18-02-2024 15:17:00
Released On : 18-02-2024 19:16:02

Rhea Suberon
Medical Laboratory Technician
DHA/LS/123639

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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
HbA1c (Glycosylated Hb)	6.90^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

Glucose (Fasting)	111.00^H	mg/dL	70 - 100	HK/G-6-PDH
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Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

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Sample Type : Fluoride Plasma

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	4.7500 ^H	μIU/mL	0.270 - 4.20	ECLIA

Conversion Formula: (Concentration in IU/ mL) × (1.0) = mIU/L. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. Please note Reference Range Reviewed w.ef 15/10/23 .

Remarks:

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Sample Type : Serum

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

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