

Patient Name : Mr ROHIT KUMAR KorpAl

DOB/Age/Gender : 35 Y/Male

Patient ID / UHID : 8748806/RCL8130947

Referred By : Self

Sample Type : Whole blood EDTA

Sample Collected : Jun 26, 2024, 03:00 AM

Report Date : Jun 27, 2024, 08:38 PM.

Barcode No : HY877658

Report Status : Final Report



NABL-M(EL)T-00332

Test Description	Value(s)	Unit(s)	Reference Range
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**RK - GHIOTC-2****Complete Blood Count (CBC)**

<b>RBC Parameters</b>			
Hemoglobin <i>colorimetric</i>	16.3	g/dL	13.0 - 17.0
RBC Count <i>Electrical impedance</i>	5.5	10 <sup>6</sup> /μl	4.5 - 5.5
PCV <i>Calculated</i>	49	%	40 - 50
MCV <i>Calculated</i>	89.1	fl	83 - 101
MCH <i>Calculated</i>	29.6	pg	27 - 32
MCHC <i>Calculated</i>	33.2	g/dL	31.5 - 34.5
RDW (CV) * <i>Calculated</i>	12.9	%	11.6 - 14.0
RDW-SD * <i>Calculated</i>	37	fl	35.1 - 43.9
<b>WBC Parameters</b>			
TLC <i>Electrical impedance and microscopy</i>	5.36	10 <sup>3</sup> /μl	4 - 10
<b>Differential Leucocyte Count</b>			
Neutrophils	55	%	40-80
Lymphocytes	35	%	20-40
Monocytes	5	%	2-10
Eosinophils	5	%	1-6
Basophils	0	%	<2
<b>Absolute Leukocyte Counts <i>Calculated</i></b>			
Neutrophils.	2.95	10 <sup>3</sup> /μl	2 - 7
Lymphocytes.	1.88	10 <sup>3</sup> /μl	1 - 3
Monocytes.	0.27	10 <sup>3</sup> /μl	0.2 - 1.0
Eosinophils.	0.27	10 <sup>3</sup> /μl	0.02 - 0.5
Basophils.	0	10 <sup>3</sup> /μl	0.02 - 0.5
<b>Platelet Parameters</b>			
Platelet Count <i>Electrical impedance and microscopy</i>	179	10 <sup>3</sup> /μl	150 - 410
Mean Platelet Volume (MPV) * <i>Calculated</i>	13.5	fL	9.3 - 12.1
PCT * <i>Calculated</i>	0.2	%	0.17 - 0.32

(\*) Parameter(s) are outside the scope of tests recognized under the NABL M(EL)T Scheme.

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Processing Lab :- Redcliffe Lifetech Pvt. Ltd., SCO 171, Sector 37-C, Chandigarh-160036

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Test Description	Value(s)	Unit(s)	Reference Range
PDW * <i>Calculated</i>	31.1	fL	8.3 - 25.0
P-LCR * <i>Calculated</i>	62.1	%	18 - 50
P-LCC * <i>Calculated</i>	111	%	44 - 140
Mentzer Index * <i>Calculated</i>	16.2	%	> 13 > 13

**Interpretation:**

CBC provides information about red cells, white cells and platelets. Results are useful in the diagnosis of anemia, infections, leukemias, clotting disorders and many other medical conditions.

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Patient ID / UHID : 8748806/RCL8130947

Referred By : Self

Sample Type : Whole blood EDTA

Sample Collected : Jun 26, 2024, 03:00 AM

Report Date : Jun 27, 2024, 09:06 PM.

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Test Description	Value(s)	Unit(s)	Reference Range
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**HbA1C (Glycosylated Haemoglobin)**

Glycosylated Hemoglobin (HbA1c) HPLC	5.0	%	< 5.7
Estimated Average Glucose	96.8	mg/dL	-

**Interpretation:****Interpretation For HbA1c% As per American Diabetes Association (ADA)**

Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Age < 19 years Goal of therapy: <7.5

**Note:**

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate.

**Comments :**

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

HbA1c(%)	Mean Plasma Glucose (mg/dL)	HbA1c(%)	Mean Plasma Glucose (mg/dL)
6	126	12	298
8	183	14	355
10	240	16	413

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Patient Name : Mr ROHIT KUMAR KORPAL

DOB/Age/Gender : 35 Y/Male

Patient ID / UHID : 8748806/RCL8130947

Referred By : Self

Sample Type : Serum

Sample Collected : Jun 26, 2024, 03:00 AM

Report Date : Jun 27, 2024, 08:49 PM.

Barcode No : ZD356292

Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**Creatinine**

Creatinine <i>Kinetic alkaline picrate</i>	1.14	mg/dL	0.72 - 1.25 mg/dL
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**Interpretation:**

Creatinine estimation is done to assess kidney function. It is not dependent on dietary factors. Normal values are obtained in kidney diseases, except in advanced renal failure and therefore its estimation is more valuable if coupled with clearance.

**Cholesterol, Serum**

Total Cholesterol <i>Enzymatic</i>	190	mg/dL	<200
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**Interpretation:**

Increasing concentrations of Total cholesterol and LDL cholesterol are both correlated with increasing risk of cardiovascular disease. The levels are used to monitor response to cholesterol lowering therapy.

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Referred By : Self

Sample Type : Serum

Sample Collected : Jun 26, 2024, 03:00 AM

Report Date : Jun 27, 2024, 09:24 PM.

Barcode No : ZD356292

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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**Thyroid Profile Total**

Triiodothyronine (T3) CMIA	118.84	ng/dL	70 -204
Total Thyroxine (T4) CMIA	5.68	µg/dL	4.87 - 11.72 ug/dL
Thyroid Stimulating Hormone (Ultrasensitive) CMIA	1.3072	mIU/L	0.35 - 4.94

**Interpretation:**

Primary malfunction of the thyroid gland may result in excessive (hyper) or below normal (hypo) release of T3 or T4. In addition as TSH directly affects thyroid function, malfunction of the pituitary or the hypo - thalamus influences the thyroid gland activity. Disease in any portion of the thyroid-pituitary-hypothalamic system may influence the levels of T3 and T4 in the blood. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in the Euthyroid Sick Syndrome, multiple alterations in serum thyroid function test findings have been recognized in patients with a wide variety of non-thyroidal illnesses (NTI) without evidence of preexisting thyroid or hypothalamic-pituitary diseases. Thyroid Binding Globulin (TBG) concentrations remain relatively constant in healthy individuals. However, pregnancy, excess estrogen's, androgen's, antibiotic steroids and glucocorticoids are known to alter TBG levels and may cause false thyroid values for Total T3 and T4 tests.

TSH	T4	T3	INTERPRETATION
High	Normal	Normal	Mild (subclinical) hypothyroidism
High	Low	Low or normal	Hypothyroidism
Low	Normal	Normal	Mild (subclinical) hyperthyroidism
Low	High or normal	High or normal	Hyperthyroidism
Low	Low or normal	Low or normal	Nonthyroidal illness; pituitary (secondary) hypothyroidism
Normal	High	High	Thyroid hormone resistance syndrome (a mutation in the thyroid hormone receptor decreases thyroid hormone function)

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Sample Type : -----

Sample Collected : Jun 26, 2024, 03:00 AM

Report Date : Jun 28, 2024, 04:58 PM.

Barcode No : PH064963

Report Status : Final Report


Test Description	Value(s)	Unit(s)	Reference Range
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**Physical Details**

Height	173	CM	
Weight	62	Kg	
BMI	20.7	kg/m2	Underweight =<18.5 Normal weight =18.5-24.9 Overweight = 25-29.9 Obesity = BMI of 30 or greater
Blood Pressure	122/82	mm Hg	(120/80)
BPS	58		

\*\*\* End Of Report \*\*\*

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