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Email: [labs@medlife.com](mailto:labs@medlife.com)

Patient Name	: Mr.RABINDRA KUMAR	Barcode	: E00695572
Age/Gender	: 69 Y O M O D/M	Sample Collected On	: 22/May/2021 08:00AM
Order Id	: 8729916	Sample Received On	: 22/May/2021 05:02PM
Referred By	:	Report Generated On	: 22/May/2021 06:34PM
Sample Type	: WHOLE BLOOD EDTA	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF HEMATOLOGY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>COMPLETE BLOOD COUNT (CBC) , WHOLE BLOOD EDTA</b>				
HAEMOGLOBIN	13.5	g/dL	13-17	Spectrophotometer
RBC COUNT	5.10	Million/cu.mm	4.5-5.5	Electrical Impedance
PCV	42.40	%	40-50	Electronic pulse & Calculation
MCV	83	fL	83-101	Calculated
MCH	<b>26.4</b>	pg	27-32	Calculated
MCHC	31.8	g/dL	31.5-34.5	Calculated
R.D.W-CV	13.9	%	11.6-14	Calculated
R.D.W-SD	42.00	fl	37.0 - 54.0	Calculated
TOTAL WBC COUNT	9,000	Cells/cu.mm	4000-10000	Electrical Impedance
<b>DIFFERENTIAL LEUCOCYTIC COUNT (DLC)</b>				
NEUTROPHILS %	47.0	%	40-80	Electrical Impedance
LYMPHOCYTES %	<b>46.7</b>	%	20-40	Electrical Impedance
EOSINOPHILS %	2.1	%	1-6	Electrical Impedance
MONOCYTES %	3.7	%	2-10	Electrical Impedance
BASOPHILS %	0.5	%	0-2	Electrical Impedance
<b>ABSOLUTE LEUCOCYTE COUNT</b>				
NEUTROPHILS	4230	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	<b>4203</b>	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	189	Cells/cu.mm	20-500	Calculated
MONOCYTES	333	Cells/cu.mm	200-1000	Calculated
BASOPHILS	45	Cells/cu.mm	0-100	Calculated
PLATELET COUNT	160000	Cells/cu.mm	150000-410000	Electrical impedance

Result Rechecked

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MD PATHOLOGY  
CONSULTANT PATHOLOGIST

**Note:- Underlined values are Critical Values, Clinician's attention required.**



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Order Id	: 8729916	Sample Received On	: 22/May/2021 05:02PM
Referred By	:	Report Generated On	: 22/May/2021 09:31PM
Sample Type	: NAF PLASMA	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF BIOCHEMISTRY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>GLUCOSE, FASTING , NAF PLASMA</b>				
GLUCOSE, FASTING	<b>111</b>	mg/dL	70 - 100	GOD - POD

Americal Diabetes Association (ADA) guideliness Blood Sugar Levels for diagnosing Diabetes and Prediabetes

Condition	Fasting Blood Glucose
Normal	<100
Pre-Diabetes	100-125
Diabetes	More than 126*

\* A confirmatory test of either a fasting blood sugar, OGTT or random blood sugar with symptoms must be done on another day (Except in the case of unequivocal hyperglycemia with metabolic decompensation)

\*Atleast 8-10 hours fasting is mandatory for Fasting Blood Glucose/Sugar. If not, values might fluctuate.

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Order Id	: 8729916	Sample Received On	: 22/May/2021 05:02PM
Referred By	:	Report Generated On	: 22/May/2021 09:03PM
Sample Type	: SERUM	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF BIOCHEMISTRY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>LIPID PROFILE (7 PARAMETERS) , <i>SERUM</i></b>				
TOTAL CHOLESTEROL	127	mg/dL	Desirable:<200 Borderline High:200-239 High:>240	CHE/CHO/POD
TRIGLYCERIDES	118	mg/dL	Normal:<150 Borderline High:151-199 High:200-499 Very High:>500	Enzymatic
HDL CHOLESTEROL	47	mg/dL	High (Desirable):>60 Acceptable:40-59 Low:<39	CHE/CHO/POD
NON-HDL CHOLESTEROL	80.00	mg/dl	Optimal:<130 Near&Above optimal: 131-159 Borderline High:160-189 High: 190-219 Very high: >220	Calculated
LDL CHOLESTEROL	56.4	mg/dL	Optimal:<100 Near Optimal:101-129 Borderline High:130-159 High:160-189 Very High:>190	Calculated
VLDL CHOLESTEROL	23.6	mg/dL	<30	Calculated
CHOL / HDL RATIO	2.70	Ratio	0-4.97	Calculated

**General Information's:** LDL & VLDL are calculated values by using Friedewald's equation. The value of LDL and VLDL will not be reported in the following circumstances as the value should not be considered/used in such cases as per the limitation of Friedewald's equation. A) When chylomicrons are present, B) When plasma/serum triglyceride (TGL) concentration exceeds 400 mg/dl, C) In patients with dysbetalipoproteinemia (type III lipoproteinemia) Also, If TGL value exceeds 400 mg/dl it is suggested to go for Direct LDL method for getting an actual value and for further evaluation. \*REFERENCE RANGES AS PER NCEP ATP III GUIDELINES: \*10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.

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Sample Type	: SERUM	Sample Temperature	: Maintained
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**DEPARTMENT OF BIOCHEMISTRY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>RENAL PROFILE (6 PARAMETERS) , SERUM</b>				
UREA	26.00	mg/dL	19.0-43.0	Urease
BLOOD UREA NITROGEN	12.1	mg/dL	9.0 - 20.0	Calculated
CREATININE	0.90	mg/dL	0.66 - 1.25	Amidohydrolase
UREA/CREATININE RATIO	28.89	Ratio		Calculated
BUN / CREATININE RATIO	13.48	Ratio		Calculated
URIC ACID	5.70	mg/dL	3.5-8.5	Uricase

**General Information:**

Preanalytical issues such as high-protein intake and increased muscle bulk may lead to elevated creatinine levels not representative of actual renal function in an individual. Likewise, serum creatinine as a marker of renal function is often unreliable in the those with decreased muscle bulk such as the elderly, amputees and is individuals affected by muscular dystrophy.

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**DEPARTMENT OF BIOCHEMISTRY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>LIVER FUNCTION TEST (11 PARAMETERS) , <i>SERUM</i></b>				
BILIRUBIN-TOTAL	0.60	mg/dL	0.20 - 1.20	Diazonium salt
BILIRUBIN-DIRECT	0.20	mg/dL	0.0-0.3	Spectrophotometric
BILIRUBIN-INDIRECT	0.40	mg/dL	0.0-1.10	Direct measure
ALKALINE PHOSPHATASE	63.00	U/L	38-126	PNP
AST/SGOT	27.0	U/L	17-59	UV with P-5-P
ALT/SGPT	22.0	U/L	<50.0	UV with P-5-P
AST:ALT RATIO	1.23	Ratio	Upto 1.3	Calculated
PROTEIN, TOTAL	7.60	g/dL	6.3-8.2	Biuret
ALBUMIN	4.20	g/dL	3.5 - 5.0	Bromocresol Green
GLOBULIN	3.40	g/dL	2.0-3.5	Calculated
A/G RATIO	1.24		0.8-2.0	Calculated

**Genral Information:**

High coffee consumption and heavy smoking were both associated with low total protein and albumin levels. High coffee consumption lowered serum AST levels, independently. Because smoking, coffee and alcohol drinking habits showed strong interactions among each other, the association of those habits and LFTs should be carefully analyzed and interpreted.

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Sample Type	: SERUM	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF BIOCHEMISTRY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>EGFR - ESTIMATED GLOMERULAR FILTRATION RATE , <i>SERUM</i></b>				
CREATININE	0.90	mg/dL	0.66 - 1.25	Amidohydrolase
EGFR - CREATININE AND GLOMERULAR FILTRATION RATE	<b>86.84</b>	mL/min/1.73m <sup>2</sup>		CKD-EPI FORMULA

Stage e-GFR	Description
1 90+	Normal kidney function but urine findings or structurel abnormalities or genetic trait point to kidney disease
2 60 to 89	Mildly reduced kidney function and other findings (as for stage 1) point to kideny disease
3A 45 to 59	Moderate reduced kidney function
3B 30 to 44	Moderate reduced kidney function
4 15 to 29	Severely reduced kidney function
5 <15 or on dialysis	Very severe or end stage kidney failure

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Order Id	: 8729916	Sample Received On	: 22/May/2021 05:02PM
Referred By	:	Report Generated On	: 22/May/2021 08:05PM
Sample Type	: SERUM	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF IMMUNOLOGY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>THYROID PROFILE (TOTAL T3, TOTAL T4, TSH) , SERUM</b>				
TRI-iodothyronine (T3, TOTAL)	1.44	ng/mL	0.97-1.80	ECLIA
Thyroxine (T4, TOTAL)	8.54	µg/dL	5.53-14.00	ECLIA
TSH	1.970	µIU/mL	0.46-4.68	ECLIA

TSH is a glycoprotein hormone secreted by the anterior pituitary. TSH is a labile hormone & is secreted in a pulsatile manner throughout the day and is subject to several non-thyroidal pituitary influences. TSH levels are influenced by circadian rhythm, reaches peak level between 2 to 4 am and at its minimum between 6 to 10pm. hence time of the day significantly affects serum TSH concentrations.

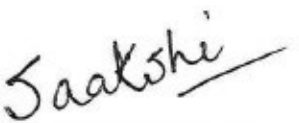
**Important note for the people with borderline TSH levels (4.0 to 10 mIU/L).**

People with borderline TSH level while have no or mild to moderate sign & symptoms of thyroid issues, are considered to have **Sub-Clinical Hypothyroidism (SCH)**. Some time it could be a temporary fluctuation due to many reasons like age factor, circadian rhythm, hormonal status, stress, sleep deprivation, caloric intake, medication & circulating antibodies, and a retest (after 3 or 4 weeks) may be needed along with the test **Free T4** for further evaluation and confirmation.

For pregnant females	Bio Ref Range for TSH in uIU/ml (As per American Thyroid Association)
First trimester	0.1 - 2.5
Second trimester	0.2 – 3.0
Third trimester	0.3 – 3.0

**References:**

American Thyroid Association (ATA) & European Thyroid Association (ETA)

  
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Patient Name	: Mr.RABINDRA KUMAR	Barcode	: U00695572
Age/Gender	: 69 Y O M O D/M	Sample Collected On	: 22/May/2021 08:00AM
Order Id	: 8729916	Sample Received On	: 22/May/2021 05:38PM
Referred By	:	Report Generated On	: 22/May/2021 07:47PM
Sample Type	: URINE	Sample Temperature	: Maintained
Visit No.	: MED002.152665	Rate Type	: MEDLIFE LABS DELHI INTERFACE

**DEPARTMENT OF CLINICAL PATHOLOGY**  
**ADVANCED FULL BODY CHECKUP**

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>COMPLETE URINE EXAMINATION , URINE</b>				
<b>PHYSICAL EXAMINATION</b>				
VOLUME	20.00	mL		
COLOUR	Pale Yellow		PALE YELLOW	Visual
TRANSPARENCY	Clear		CLEAR	Visual
pH	6.0		5-7.5	Dipstick
SP. GRAVITY	1.010		1.002-1.030	Dipstick
<b>BIOCHEMICAL EXAMINATION</b>				
URINE PROTEIN	Negative		NEGATIVE	Dipstick/Heat test
GLUCOSE	Negative		NEGATIVE	Dipstick/Benedicts Test
URINE BILIRUBIN	Negative		NEGATIVE	Dipstick/Fouchet Test
KETONES	Negative		NEGATIVE	Dipstick/Rotheras Test
UROBILINOGEN	Normal		NORMAL	Dipstick/Ehrlichs Test
BLOOD	Negative		NEGATIVE	Dipstick
NITRITE	Negative		NEGATIVE	Dipstick
<b>MICROSCOPIC EXAMINATION</b>				
PUS CELLS	2-3	/hpf	0-5	
EPITHELIAL CELLS	1-2	/hpf	<10	
RBC	Absent	/hpf	ABSENT	
CASTS	Absent		ABSENT	
CRYSTALS	Absent		ABSENT	
BACTERIA	Absent			
YEAST	Absent			
PARASITES	Absent			
OTHERS	Nil			

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

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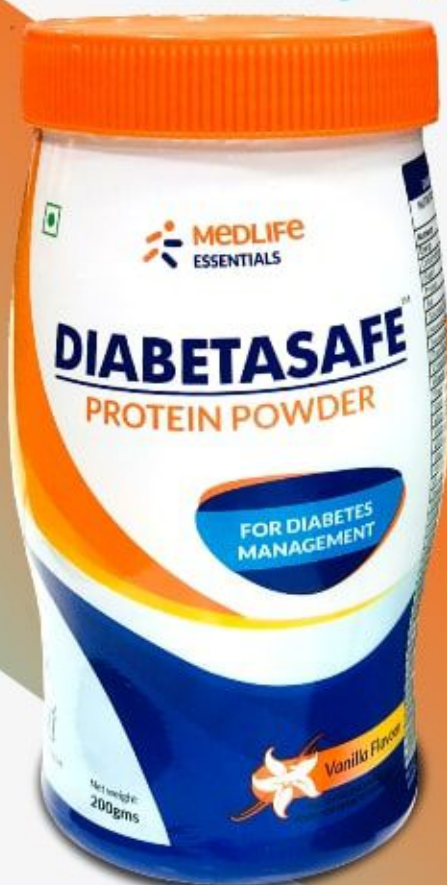
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**Medlife International Private Limited**

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