Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	32221208194
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 13:38
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		25 Dec 2022 13:01
Receiving Date	:	24 Dec 2022 14:03			

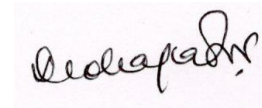
BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
THYROID PROFILE, Serum			
			1
T3 - Triiodothyronine (ECLIA)	1.30	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.56	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	3.090	µIU/mL	[0.340-4.250]

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons hormonal fluctuations,Ca or Fe supplements,high fibre diet,stress and illness affect TSH results.

* References ranges recommended by the American Thyroid Association
1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128
2) http://www.thyroid-info.com/articles/tsh-fluctuating.html

----------END OF REPORT----------



Dr. Lona Mohapatra
CONSULTANT PATHOLOGY

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002058
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		24 Dec 2022 14:31
Receiving Date	:	24 Dec 2022 09:53			

HAEMATOLOGY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
COMPLETE BLOOD COUNT (AUTOMATED)		**SPECIMEN-EDTA Whole Blood**	
RBC COUNT (IMPEDENCE)	5.24	millions/cu mm	[4.50-5.50]
HEMOGLOBIN	14.7	g/dl	[13.0-17.0]
Method:cyanide free SLS-colorimetry			
HEMATOCRIT (CALCULATED)	45.5	%	[40.0-50.0]
MCV (DERIVED)	86.8	fL	[83.0-101.0]
MCH (CALCULATED)	28.1	pg	[27.0-32.0]
MCHC(CALCULATED)	32.3	g/dl	[31.5-34.5]
RDW CV% (DERIVED)	12.9	%	[11.6-14.0]
Platelet count	227	x 10^3 cells/cumm	[150-400]
MPV(DERIVED)	11.3		
WBC COUNT(TC)(IMPEDENCE)	5.94	x 10^3 cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT (VCS TECHNOLOGY/MICROSCOPY)			
Neutrophils	54.0	%	[40.0-80.0]
Lymphocytes	38.0	%	[17.0-45.0]
Monocytes	6.0	%	[2.0-10.0]
Eosinophils	2.0	%	[2.0-7.0]
Basophils	0.0	%	[0.0-2.0]
ESR	**11.0 #**	**/1sthour**	**[0.0-**

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002058
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		26 Dec 2022 18:40
Receiving Date	:	24 Dec 2022 09:53			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Glycosylated Hemoglobin			
Specimen: EDTA			
HbA1c (Glycosylated Hemoglobin)	**6.1 #**	**%**	**[0.0-5.6]**
Method: HPLC			
			As per American Diabetes Association(ADA HbA1c in % Non diabetic adults >= 18years <5.7 Prediabetes (At Risk)5.7-6.4 Diagnosing Diabetes >= 6.5
Estimated Average Glucose (eAG)	128	mg/dl	
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.			
Serum LIPID PROFILE			
Serum TOTAL CHOLESTEROL	**259 #**	**mg/dl**	**[<200]** Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	96	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL- CHOLESTEROL	51.0	mg/dl	[35.0-65.0]
Method : Enzymatic Immunoimhibition			
VLDL- CHOLESTEROL (Calculated)	19	mg/dl	[0-35]
CHOLESTEROL, LDL, DIRECT	**189.0 #**	**mg/dl**	**[<120.0]** Near/ Above optimal-100-129 Borderline High:130-159 High Risk:160-189

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002058
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		24 Dec 2022 12:05
Receiving Date	:	24 Dec 2022 09:53			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
T.Chol/HDL.Chol ratio(Calculated)	5.1		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	3.7		<3 Optimal 3-4 Borderline >6 High Risk

Note:
Reference ranges based on ATP III Classifications.

KIDNEY PROFILE

Specimen: Serum			
UREA	28.0	mg/dl	[15.0-40.0]
Method: GLDH, Kinatic assay			
BUN, BLOOD UREA NITROGEN	13.1	mg/dl	[8.0-20.0]
Method: Calculated			
CREATININE, SERUM	0.81	mg/dl	[0.70-1.20]
Method: Jaffe rate-IDMS Standardization			
URIC ACID	5.6	mg/dl	[4.0-8.5]
Method:uricase PAP			
SODIUM, SERUM	141.5	mmol/L	[136.0-144.0]
POTASSIUM, SERUM	4.69	mmol/L	[3.60-5.10]
SERUM CHLORIDE	105.4	mmol/l	[101.0-111.0]
Method: ISE Indirect			
eGFR (calculated)	114.3	ml/min/1.73sq.m	[>60.0]

Technical Note
eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to1.73 sq.m BSA and is not applicable to individuals below 18 years.

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002058
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		24 Dec 2022 12:05
Receiving Date	:	24 Dec 2022 09:53			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL

eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis Icterus / Lipemia.

LIVER FUNCTION TEST

BILIRUBIN - TOTAL *Method: D P D*	0.52	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT *Method: DPD*	0.09	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN(SERUM) *Method: Calculation*	**0.43 #**	**mg/dl**	**[0.10-0.30]**
TOTAL PROTEINS(SERUM) *Method: BIURET*	7.90	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) *Method: BCG*	4.61	g/dl	[3.50-5.20]
GLOBULINS (SERUM) *Method: Calculation*	3.30	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO *Method: Calculation*	1.40		[1.00-2.50]
AST(SGOT) (SERUM) *Method: IFCC W/O P5P*	30.00	U/L	[0.00-40.00]
ALT(SGPT) (SERUM) *Method: IFCC W/O P5P*	31.00	U/L	[17.00-63.00]
Serum Alkaline Phosphatase *Method: AMP BUFFER IFCC)*	67.0	IU/L	[32.0-91.0]

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002058
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		24 Dec 2022 12:05
Receiving Date	:	24 Dec 2022 09:53			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GGT	28.0		[7.0-50.0]

Blood Group & Rh Typing (Agglutination by gel/tube technique) Specimen-Blood

Blood Group & Rh typing **O Rh(D) Positive**

Technical note:
ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique.

----------END OF REPORT----------

Dr. Alka Dixit Vats
Consultant Pathologist

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002059
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 09:53
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		24 Dec 2022 12:06
Receiving Date	:	24 Dec 2022 09:53			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting			
Specimen: Plasma			
GLUCOSE, FASTING (F)	86.0	mg/dl	[70.0-110.0]
Method: Hexokinase			

----------END OF REPORT----------

Dr. Alka Dixit Vats
Consultant Pathologist

Name	:	MR RAJEEV KUMAR SRIVASTAV	**Age**	:	36 Yr(s) Sex :Male
Registration No	:	MH010665555	**Lab No**	:	202212002060
Patient Episode	:	H18000000069	**Collection Date :**		24 Dec 2022 13:05
Referred By	:	HEALTH CHECK MGD	**Reporting Date :**		26 Dec 2022 10:32
Receiving Date	:	24 Dec 2022 13:05			

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL

PLASMA GLUCOSE

Specimen:Plasma

GLUCOSE, POST PRANDIAL (PP), 2 HOURS	85.0	mg/dl	[80.0-140.0]

Method: Hexokinase

Note:

Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

----------END OF REPORT----------

Dr. Charu Agarwal
Consultant Pathologist