

## PATHOLOGY REPORT

Name:- Mr. Krishn Kumar	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

<u>TEST</u>	<u>CBC (Complete Blood Count)</u>		<u>Reference Values</u>
	<u>RESULT</u>	<u>UNIT</u>	
Hb (Haemoglobin)	13.4	gm/dl	12 - 17
Total Leukocyte Count	8,400	/Cumm.	4000 - 11000
RBC Count	4.59	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	42.9	%	30 - 50
Platelet Count	1.10	Lakhs/c.mm	1.5 - 4.5
MCV	93.5	fl	80 - 100
MCH	28.8	pg	26 - 34
MCHC	31.5	gm/dl	31.5 - 35
<b>Differential Leukocyte Count</b>			
Neutrophil	75	%	40 - 70
Lymphocyte	18	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	05	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	18	mm/1 <sup>st</sup> hr.	00 - 20

\*\*\*end of report\*\*\*

Signature



## PATHOLOGY REPORT

Name:- Mr. Krishn Kumar	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

### KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	28.0	mg/dl	13 - 45
S. Creatinine	1.12	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	13.07	mg/dl	6.0 - 21
S. Sodium (Na <sup>+</sup> )	136.8	mmol/ltr	135 - 150
S. Potassium(K <sup>+</sup> )	3.91	mmol/ltr	3.5 - 5.5
S. Chloride(Cl <sup>-</sup> )	98.3	mmol/ltr	94 - 110
S. Calcium	9.38	mg/dl	8.7 - 11.0
S. Uric Acid	3.89	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

### BLOOD GROUPING

Grouping (ABO)	:	"O" Group
Rh Typing	:	Positive.

\*\*\*end of report\*\*\*

Signature



## PATHOLOGY REPORT

<b>Names:- Mr. Krishn Kumar</b>	<b>Age :31Y/M</b>	<b>Date :-01/07/2023</b>
<b>Ref. By :- Dr. Bank Of Barauda</b>	<b>(E.C.No115224)</b>	<b>Serial Number :- 011</b>

### LFT (Liver Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Total Billrubin	0.93	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	35.0	U/L	05 - 40
S. SGOT (AST)	38.0	U/L	05 - 40
S.GGT	31.0	U/L	05 - 45
S. Alkaline Phosphatase	118.3	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.05	g/dl	6.0 - 8.3
S. Albumin	3.98	g/dl	3.2 - 5.0
S. Globulin	3.07	g/dl	2.8 - 4.5
S. A/G Ratio	1.29		

\*\*\*end of report\*\*\*

Signature



## PATHOLOGY REPORT

Name:- Mr. Krishn Kumar	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

### Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	170.0	mg/dl	130 - 200
S. Triglycerides	140.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	28.0	mg/dl	10 - 40
S. HDL-Cholesterol	45.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	97.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.77		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.15		1.5 - 3.5

### BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	88.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	125.0	mg/dl	80 - 160

\*\*\*end of report\*\*\*

Signature



## PATHOLOGY REPORT

Name:- Mr. Krishn Kumar	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

### GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	4.8	%

Mean Blood Glucose level (MBG) – 91.8 mg/dl

#### Normal Reference Values

Normal	:	< 8.0 %
Good Control	:	8.0 - 9.0 %
Fair Control	:	9.0 - 10.0 %
Poor Control	:	> 10.0 %

**Summary :-** Glycosylated hemoglobin (GHb) reflects the average blood glucose concentration over the preceding several weeks & a sudden fall from high to low glucose concentration will not produce a correspondingly rapid fall in glycosylated hemoglobin. Thus GHb reflects the metabolic control of glucose level over a period of time, unaffected by diet, insulin, other drugs or exercise on the day of testing. GHb is now widely recognized as an important test for the diagnosis of diabetes mellitus and is a good indicator of the efficacy of therapy.

\*\*\*end of report\*\*\*

Signature



## PATHOLOGY REPORT

Name:- Mr. Krishn Kumar	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	131.6	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	6.2	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.80	µIU/mL	(0.3 - 5.5)

**Technology :**

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Ultra Sensitive Sandwish Competitive Chemi Luminescent Immuno Assay

**REMARK :**

**THYROID HORMONES** -Serum TSH is primarily responsible for the synthesis and release of Thyroid hormones is an early and sensitive indicator of decrease in thyroid reserve is the diagnostic of primary hypothyroidism.The expeted increase in TSH demonstrate the classical feedback mechanism between pituitary and thyroid gland.Additionally TSH measurement is equally important in differentiating secondary and tertiary(hypothalamic) hypothyroidism.The increase in total T4 and T3 is associated with pregnancy,oral contraceptive and estrogen therapy results into masking of abnormal thyroid function only because of alteration of TBG concentration,which can be monitored by calculating Free Thyroxine Index(FTI) or Thyroid Hormone Binding Ratio(THBR).a

\*\*\*end of report\*\*\*

Signature

## PATHOLOGY REPORT

<b>Name:- Mr. Krishn Kumar</b>	Age :31Y/M	Date :-01/07/2023
Ref. By :- Dr. Bank Of Barauda	(E.C.No115224)	Serial Number :- 011

### Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
<b>Physical Examination</b>	
Volume	20 ml
Colour	Straw
Specific Gravity	1.020
Appearance	Clear
pH	6.0
(Acidic)	
<b>Chemical Examination</b>	
Protein	Nil
Sugar	Nil
Bile Salts	N/D
Bile Pigments	N/D
<b>Microscopic Examination</b>	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	Present (+)
Crystal/Cast	Nil
Other	Nil
***end of report***	

Signature

NAME :- KRISHAN KUMAR,  
REFD BY :- DR./SRAR.

DATE :- 01/07/2023  
SEX :- M

Thanks for the kind referral  
of Whole Abdomen

Liver:-

Liver is enlarged in size (15.14 cm) and shows normal echotexture.  
No focal lesion is seen. I.H.R. are not dilated.

GB:-

Normal distension. Walls are not thickened (3.1 mm). No evidence  
of calculus, sludge or mass lesion seen.

C.B.D:-

C.B.D. is normal in caliber.

Pancreas:-

Pancreas normal in size shape and echo texture.

Spleen:-

Normal in shape, size & contour. (longest length is 10.22 cm).

Kidneys:-

Rt. Kidney :- 8.70 x 3.69 cm Lt. Kidney :- 9.77 x 4.24 cm

Both kidneys are normal in shape, size, contour, cortical  
echo texture, and sinus echoes. No evidence of calculus,  
calcification, hydronephrotic changes or mass lesion seen.

UB:-

Urinary bladder is smoothly outlined. There is no calculus within.

Prostate :-

The prostate is normal in shape and size.

Free fluid:-

No free fluid is noted in the peritoneal cavity.

Impression :- Hepatomegaly.





## ECHOCARDIOGRAPHY REPORT

Name : Mr. Krishna Kumar  
Date : 01/07/2023  
IPID No. :  
Ref. By : Self

Age/Sex : 31/M  
ECHO No. :  
UHID No. :  
Done By : Dr. Anil Kr. Singh

### MITRAL VALVE

Morphology **Normal**/Thickening/Calcification/Flutter/Vegetation/Prolapse/SAM/Doming  
PML-**Normal**/Thickening/Calcification/Prolapse/Paradoxical motion/Fixed.  
Subvalvular deformity Present/Absent. Score:            **A>E**  
Normal/Abnormal **E>A** RRInterval            msec  
Doppler Present/Absent MVAcm2  
Mitral Stenosis MDG mmHg  
EDG            mmHg Absent/Trivial/Mild/Moderate/Severe.  
Mitral Regurgitation

### TRICUSPID VALVE

Morphology **Normal**/Atresia/Thickening/Calcification/Prolapse/Vegetation/Doming.  
Doppler **Normal**/Abnormal Present/Absent RR interval            msec  
Tricuspid stenosis MDG            mmHg  
EDG            mmHg Absent/Trivial/Mild/Moderate/Severe Fragmented signals  
Tricuspid regurgitation: Pred. RVSP=RAP+ mmHg  
Velocity msec.

### PULMONARY VALVE

Morphology **Normal**/Atresia/Thickening/Doming/Vegetation.  
Doppler **Normal**/Abnormal. Present/Absent Level  
Pulmonary stenosis PSG            mmHg Pulmonary annulus            mm  
Pulmonary regurgitation Present/Absent End diastolic gradient            mmHg  
Early diastolic gradient            mmHg.

### AORTIC VALVE

Morphology **Normal**/Thickening/Calcification/Restricted opening/Flutter/Vegetation  
No. of cusps 1/2/3/4  
Doppler **Normal**/Abnormal Present/Absent Level  
Aortic Stenosis PSG mmHg Aortic annulus            mm  
Aortic regurgitation Absent/Trivial/Mild/Moderate/Severe.

<u>Measurements</u>	<u>Normal Values</u>	<u>Measurements</u>	<u>Normal values</u>
Aorta 3.2	(2.0 - 3.7cm)	LAes 2.9	(1.9 - 4.0cm)
LV es 2.9	(2.2 - 4.0cm)	LV ed 4.3	(3.7 - 5.6cm)
IVS ed 1.0	(0.6 - 1.1cm)	PW (LV) 1.0	(0.6 - 1.1cm)
RVed	(0.7 - 2.6cm)	RV Anterior wall	(upto 5 mm)
LVVd (ml)		LVVs (ml)	
EF 60%	(54%-76%)	IVS motion	Normal/Flat/Paradoxical

**CHAMBERS:**

LV Normal/Enlarged/Clear/Thrombus/Hypertrophy  
Contraction Normal/Reduced

Regional wall motion abnormality Absent/Present

LA Normal/Enlarged/Clear/Thrombus


RA Normal/Enlarged/Clear/Thrombus

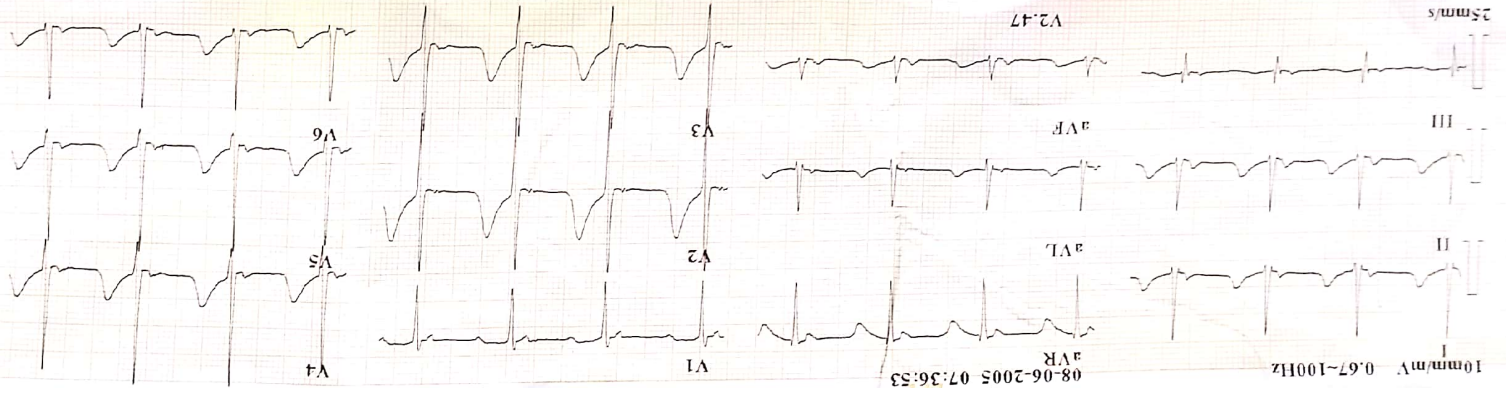
RV Normal/Enlarged/Clear/Thrombus

PERICARDIUM Normal/Thickening/Calcification/Effusion

**COMMENTS & SUMMARY**

All Chambers are Normal in Size  
gd I LV Diastolic Dysfunction  
Normal LV Systolic Function  
No RWMA/LVEF=60%  
No MR/AR /PR/TR  
Normal Pericardium

  
Dr. Anil Kr. Singh  
Cardiologist



ID : 050608-0736  
 Name : *James Walker*  
 Age : 31 yr  
 Sex : Male  
 BP : mmHg  
 Height : cm  
 Weight : kg  
 HR : 86 bpm  
 P Dur : 87 ms  
 PR int : 121 ms  
 QRS Dur : 66 ms  
 QT/QTc int : 323/388 ms  
 P/QRS/T axis : 48/28/38 °  
 RV3/SV1 amp : 1.864/0.977 mV  
 RV3+SV1 amp : 2.841 mV  
 RV6/SV2 amp : 1.377/1.363 mV

Diagnosis Information:  
 800: Sinus Rhythm  
 \*\*\*Normal ECG\*\*\*

Report Confirmed by:

Minnesota Code: 9-11(V3)