

BOB

7

भारत सरकार
Government of India

राजू कुमार राय
Raju Kumar Rai
जन्म तिथि / DOB : 05/10/1987
पुरुष / Male

9421 5616 6931

आधार - आम आदमी का अधिकार



28-10-2023 10:47:28 AM

ID: 119

RAJU KR. RAI
Male 36Years

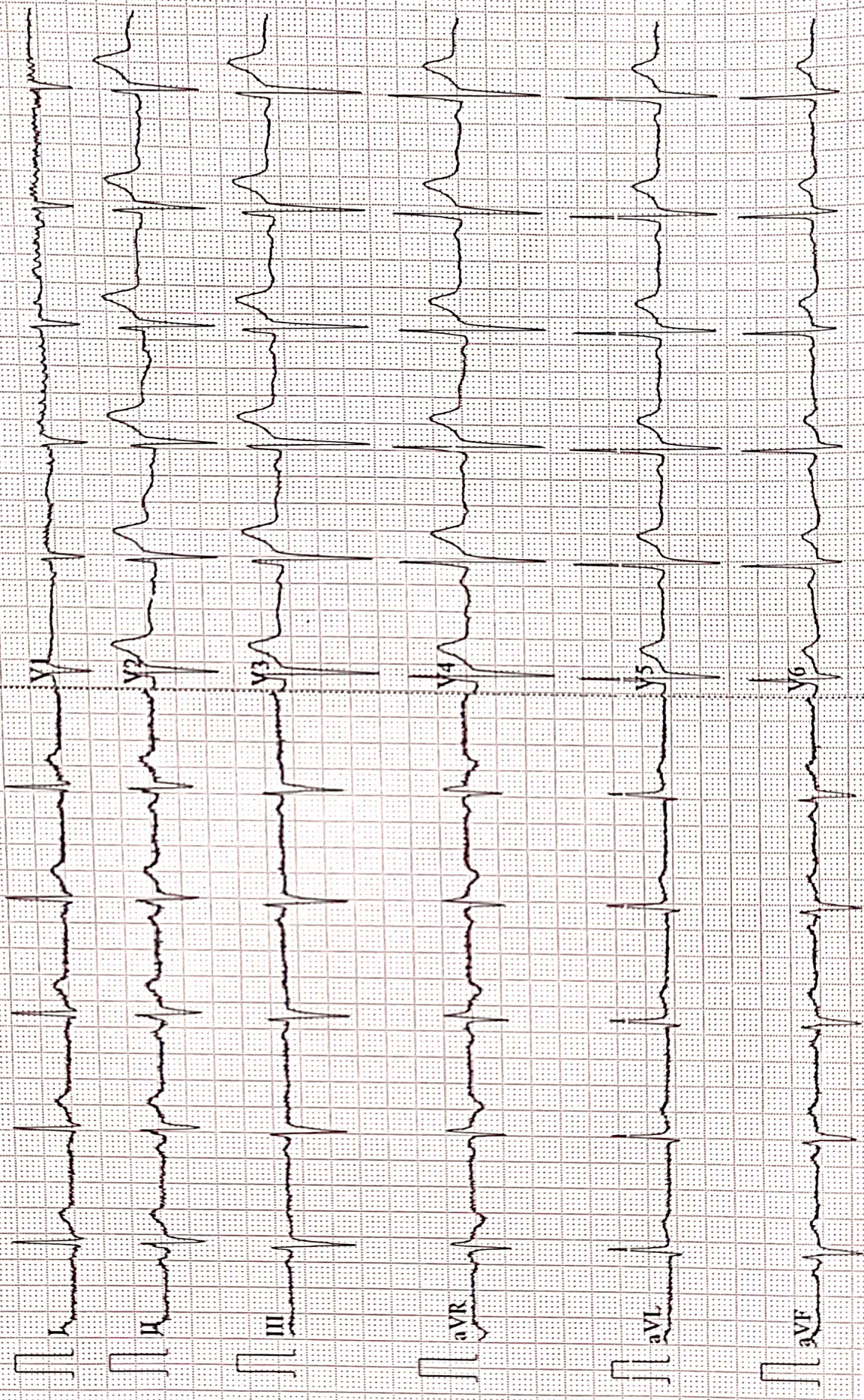
Diagnosis Information:

Sinus Rhythm
Normal ECG

HR : 68 bpm
P : 107 ms
PR : 157 ms
QRS : 107 ms
QT/QTc : 369/395 ms
P/QRST : 66/-28/38 °
RV5/SV1 : 1.498/0.611 mV

Ref-Phys. :

Report Confirmed by:





Name :- Raju Kumar Rai
Refd by :- Corp.

Age/Sex :- 36Yrs/M
Date :-28/10/23

Thanks for referral.

REPORT OF USG OF WHOLE ABDOMEN

- Liver** :- Normal in size(13.6cm) with normal echotexture. No focal or diffuse lesion is seen. IHBR are not dilated. PV is normal in course and calibre with echofree lumen.
- G. Bladder** :- It is normal in shape, size & position. It is echofree & shows no evidence of calculus, mass or sludge.
- CBD** :- It is normal in calibre & is echofree.
- Pancreas** :- Normal in shape, size & echotexture. No evidence of parenchymal / ductal calcification is seen. No definite peripancreatic collection is seen.
- Spleen** :- Normal in size(10.3cm)with normal echotexture. No focal lesion is seen. No evidence of varices is noticed.
- Kidneys** :- Both kidneys are normal in shape, size & position. Sinus as well as cortical echoes are normal. No evidence of calculus, space occupying lesion or hydronephrosis is seen.
Right Kidney measures 9.1cm and Left Kidney measures 10.3cm.
- Ureters** :- Ureters are not dilated.
- U. Bladder**:- It is echofree. No evidence of calculus, mass or diverticulum is seen.
- Prostate** :- Normal in size (8.3cc)& echotexture.
- Others** :- No ascites or abdominal adenopathy is seen.
No free subphrenic / basal pleural space collection is seen.

IMPRESSION:- Normal Scan.

Dr. U. Kumar
MBBS/MD (Radio-Diagnosis)
Consultant Radiologist



ISO 9001 : 2015

AAROGYAM DIAGNOSTICS

(A UNIT OF CULPAM HEALTH CARE PVT. LTD.)

F- 41, P.C. Colony, Opp. Madhuban Complex,
Near Malahi Pakari Chowk, Kankarbagh, Patna – 20

9264278360, 9065875700, 8789391403

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www.aarogyamdiagnostics.com

Date	28/10/2023	Srl No.	19	Patient Id	2310280019
Name	Mr. RAJU KUMAR RAI	Age	36 Yrs.	Sex	M
Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
BOB			
HB A1C	5.2	%	

EXPECTED VALUES :-

Metabolically healthy patients	=	4.8 - 5.5 % HbA1C
Good Control	=	5.5 - 6.8 % HbA1C
Fair Control	=	6.8-8.2 % HbA1C
Poor Control	=	>8.2 % HbA1C

REMARKS:-

In vitro quantitative determination of **HbA1C** in whole blood is utilized in long term monitoring of glycemia

The **HbA1C** level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of **HbA1C** be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy.

Results of **HbA1C** should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

**** End Of Report ****

Dr.R.B.RAMAN
MBBS, MD
CONSULTANT PATHOLOGIST



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Name	Mr. RAJU KUMAR RAI	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN (Hb)	14.3	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTE COUNT (TLC)	5,900	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	60	%	40 - 75
LYMPHOCYTE	35	%	20 - 45
EOSINOPHIL	02	%	01 - 06
MONOCYTE	03	%	02 - 10
BASOPHIL	00	%	0 - 0
ESR (WESTEGREN's METHOD)	13	mm/1st hr.	0 - 15
R B C COUNT	4.78	Millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	42.6	%	40 - 54
M C V	89.12	fl.	80 - 100
M C H	29.92	Picogram	27.0 - 31.0
M C H C	33.6	gm/dl	33 - 37
PLATELET COUNT	1.97	Lakh/cmm	1.50 - 4.00
BLOOD GROUP ABO	"B"		
RH TYPING	POSITIVE		
BLOOD SUGAR FASTING	79.0	mg/dl	70 - 110
SERUM CREATININE	0.74	mg%	0.7 - 1.4
BLOOD UREA	18.0	mg /dl	15.0 - 45.0
SERUM URIC ACID	3.9	mg%	3.4 - 7.0

LIVER FUNCTION TEST (LFT)



Date	28/10/2023	Srl No. 19	Patient Id 2310280019
Name	Mr. RAJU KUMAR RAI	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
BILIRUBIN TOTAL	0.69	mg/dl	0 - 1.0
CONJUGATED (D. Bilirubin)	0.27	mg/dl	0.00 - 0.40
UNCONJUGATED (I.D.Bilirubin)	0.42	mg/dl	0.00 - 0.70
TOTAL PROTEIN	7.3	gm/dl	6.6 - 8.3
ALBUMIN	4.2	gm/dl	3.4 - 5.2
GLOBULIN	3.1	gm/dl	2.3 - 3.5
A/G RATIO	1.355		
SGOT	53.0	IU/L	5 - 40
SGPT	59.3	IU/L	5.0 - 55.0
ALKALINE PHOSPHATASE IFCC Method	71.2	U/L	40.0 - 130.0
GAMMA GT	25.1	IU/L	8.0 - 71.0

LFT INTERPRET

LIPID PROFILE

TRIGLYCERIDES	109.8	mg/dL	25.0 - 165.0
TOTAL CHOLESTEROL	248.2	mg/dL	29.0 - 199.0
H D L CHOLESTEROL DIRECT	71.6	mg/dL	35.1 - 88.0
V L D L	21.96	mg/dL	4.7 - 22.1
L D L CHOLESTEROL DIRECT	154.64	mg/dL	63.0 - 129.0
TOTAL CHOLESTEROL/HDL RATIO	3.466		0.0 - 4.97
LDL / HDL CHOLESTEROL RATIO	2.16		0.00 - 3.55
THYROID PROFILE			
QUANTITY	20	ml.	



Date	28/10/2023	Srl No. 19	Patient Id 2310280019
Name	Mr. RAJU KUMAR RAI	Age 36 Yrs.	Sex M
Ref. By Dr.BOB			

Test Name	Value	Unit	Normal Value
COLOUR	PALE YELLOW		
TRANSPARENCY	CLEAR		
SPECIFIC GRAVITY	1.015		
PH	6.0		
ALBUMIN	NIL		
SUGAR	NIL		
MICROSCOPIC EXAMINATION			
PUS CELLS	0-1	/HPF	
RBC'S	NIL	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
EPITHELIAL CELLS	0-1	/HPF	
BACTERIA	NIL		
OTHERS	NIL		

Assay performed on enhanced chemi lumenescence system (Centaur-Siemens)

Serum T3,T4 & TSH measurements form the three components of Thyroid screening panel, useful in diagnosing various disorders of Thyroid gland function.

1. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH level.
2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 levels along with depressed TSH values.
3. Normal T4 levels are accompanied by increased T3 in patients with T3 thyrotoxicosis.



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Ref. By	Dr.BOB				

Test Name	Value	Unit	Normal Value
4. Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol and propyl thiouracil.			
5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, and may be seen in secondary thyrotoxicosis.			

**** End Of Report ****

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Test Name	Value	Unit	Normal Value
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BIOCHEMISTRY

BLOOD SUGAR PP	114.2	mg/dl	80 - 160
BOB			

**** End Of Report ****

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CONSULTANT PATHOLOGIST



Lab Facility : Unipath House, Besides Sahjanand College, Opp. Kamdhenu Complex, Panjarapole, Ambawadi, Ahmedabad-380015 Gujarat
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 Regd. Of: ce : 5th Floor, Doctor House, Nr. Parimal Garden, Ahmedabad-380006 Gujarat
 CIN: U85195GJ2009PLC057059



31004100453

TEST REPORT

Reg.No : 31004100453	Reg.Date : 29-Oct-2023 13:40	Collection : 29-Oct-2023 13:40
Name : RAJU KUMAR RAI		Received : 29-Oct-2023 13:40
Age : 36 Years	Sex : Male	Report : 29-Oct-2023 15:06
Referred By : AAROGYAM DIAGNOSTICS @ PATNA		Dispatch : 29-Oct-2023 15:26
Referral Dr : □	Status : Final	Location : 41 - PATNA

Test Name	Results	Units	Bio. Ref. Interval
THYROID FUNCTION TEST			
T3 (triiodothyronine), Total <small>CMIA</small>	1.08	ng/mL	0.70 - 2.04
T4 (Thyroxine), Total <small>CMIA</small>	7.08	µg/dL	4.6 - 10.5
TSH (Thyroid stimulating hormone) <small>CMIA</small>	0.827	µIU/mL	0.35 - 4.94

Sample Type: Serum

Comments:

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4. Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

TSH levels During Pregnancy :

- First Trimester : 0.1 to 2.5 µIU/mL
- Second Trimester : 0.2 to 3.0 µIU/mL
- Third trimester : 0.3 to 3.0 µIU/mL

Reference : Carl A.Burtis,Edward R.Ashwood,David E.Bruns. Tietz Textbook of Clinical Chemistry and Molecular Diagnostics. 5th Edition. Philadelphia: WB Saunders,2012:2170

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

Dr. Avani Patel

Dr. Avani Patel

M.D. Biochemistry

Reg No.- G-34103