To,

The Coordinator,
Mediwheel (Arcofemi Healthcare Limited)
Helpline number: 011- 41195959

Dear Sir / Madam,

Sub: Annual Health Checkup for the employees of Bank of Baroda

This is to inform you that the following employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS	EMPLOYEE DETAILS
NAME	MR. YADAV SURESH
EC NO.	178611
DESIGNATION	V-CIP CELL
PLACE OF WORK	GANDHINAGAR,GIFT CITY,NATIONAL
BIRTHDATE	19-07-1987
PROPOSED DATE OF HEALTH CHECKUP	29-03-2024
BOOKING REFERENCE NO.	23M178611100102784E

This letter of approval / recommendation is valid if submitted along with copy of the Bank of Baroda employee id card. This approval is valid from **19-03-2024** till **31-03-2024** The list of medical tests to be conducted is provided in the annexure to this letter. Please note that the said health checkup is a **cashless facility** as per our tie up arrangement. We request you to attend to the health checkup requirement of our employee and accord your top priority and best resources in this regard. The EC Number and the booking reference number as given in the above table shall be mentioned in the invoice, invariably.

We solicit your co-operation in this regard.

Yours faithfully,

Sd/-

Aashka Hospitals Ltd.
Between Sargasan and Reliance Cross Roads
Sargasan, Gandhinagar - 382421. Gujarat, India
Phone: 079-29750750, +91-7575006000 / 9000
Emergency No.: +91-7575007707 / 9879752777
www.aashkahospitals.in
CIN: L85110GJ2012PLC072647

aashka HOSPITAL

29/3/24
6:35pm

Pt : Suresh Yadav.
Age : 36/m.

H-
W-

no HCVD
- for Regular checkup.
HCVD Chronic smoker

F. Afeb
P : 98 mm
BP : 120/80
SpO2 : 98% on RA

clubbing +nt.

Adv
- quit smoking
- Y.O active mx
- Inf gos

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aashka HOSPITAL

DR.TAPAS RAVAL
MBBS . D.O
(FELLOW IN PHACO & MEDICAL RATINA)
REG.NO.G-21350

UHID: 00223065 **Date:** 29/03/14 **Time:**

Patient Name: Suresh Yadav **Age /Sex:**
Height:
Weight:

History:
C/O Compny Hathy chest

Allergy History:

Nutritional Screening: Well-Nourished / Malnourished / Obese

Examination:
VA 6/18
6/18
VNC constr.
6/6
6/6
N6
Colour vision - Normal

Diagnosis: Refractive error

Rx

No	Dosage Form	Name of drug (IN BLOCK LETTERS ONLY)	Dose	Route	Frequency	Duration

Eye examination:

	RIGHT			LEFT		
	S	C	A	S	C	A
D	-075	-	-	-0-50		
N						

Other Advice:

Use glasses

Follow-up:

Consultant's Sign:

Contrast 226 166 05

0459 LOT D 942 #

, Suresh yadav

29.03.2024 11:08:52 AM
AASHKA HOSPITAL LTD.
SARGASAN
GANDHINAGAR

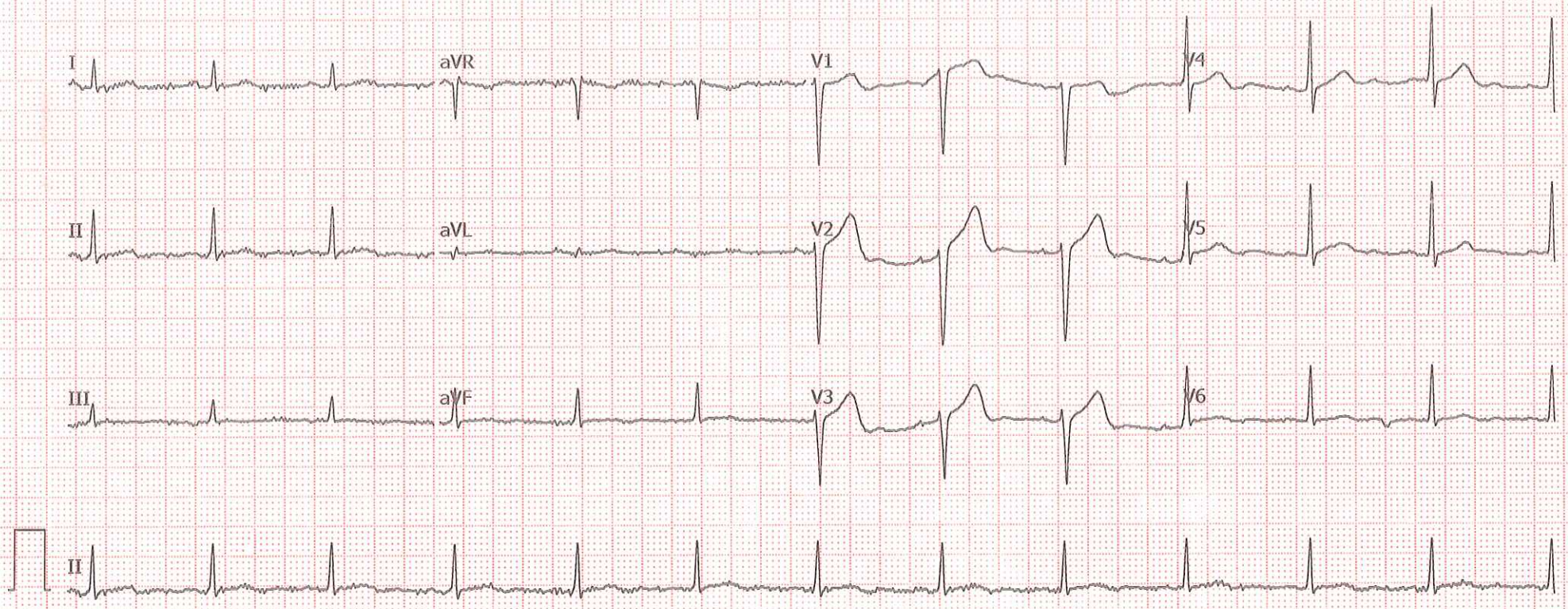
Location: 1
Order Number:
Indication:
Medication 1:
Medication 2:
Medication 3:

Room:

73 bpm
-- / -- mmHg

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

QRS :	82 ms	Normal sinus rhythm
QT / QTcBaz :	362 / 398 ms	Normal ECG
PR :	140 ms	
P :	90 ms	
RR / PP :	818 / 821 ms	
P / QRS / T :	-2 / 56 / 35 degrees	



Unconfirmed

GE MAC2000 1.1 12SL™ v241 25 mm/s 10 mm/mV ADS 0.56-40 Hz 50 Hz 4x2.5x3_25_R1 1/1

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aashka HOSPITAL

PATIENT NAME:SURESH YADAV
GENDER/AGE:Male / 36 Years
DOCTOR:DR.HASIT JOSHI
OPDNO:O0223065

DATE:29/03/24

2D-ECHO

MITRAL VALVE	: NORMAL	
AORTIC VALVE	: NORMAL	
TRICUSPID VALVE	: NORMAL	
PULMONARY VALVE	: NORMAL	
AORTA	: 31mm	
LEFT ATRIUM	: 30mm	
LV Dd / Ds	: 37/28mm	EF 55%
IVS / LVPW / D	: 10/9mm	
IVS	: INTACT	
IAS	: INTACT	
RA	: NORMAL	
RV	: NORMAL	
PA	: NORMAL	
PERICARDIUM	: NORMAL	
VEL	: PEAK	MEAN
M/S	: Gradient mm Hg	Gradient mm Hg
MITRAL	: 1/0.7m/s	
AORTIC	: 1.3m/s	
PULMONARY	: 1.0m/s	
COLOUR DOPPLER	: MILD MR /TR	
RVSP	: 28mmHg	
CONCLUSION	: NORMAL LV SIZE / SYSTOLIC FUNCTION.	

CARDIOLOGIST
DR.HASIT JOSHI (9825012235)

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aashka HOSPITAL

PATIENT NAME:SURESH YADAV
GENDER/AGE:Male / 36 Years
DATE:29/03/24
DOCTOR:
OPDNO:O0223065

SONOGRAPHY OF ABDOMEN AND PELVIS

LIVER: Liver appears normal in size and shows normal parenchymal echoes. No evidence of focal or diffuse lesion is seen. No evidence of dilated IHBR is seen. Intrahepatic portal radicles appear normal. No evidence of solid or cystic mass lesion is seen.

GALL BLADDER: Gall bladder is physiologically distended and appears normal. No evidence of calculus or changes of cholecystitis are seen. No evidence of pericholecystic fluid collection is seen. CBD appears normal.

PANCREAS: Pancreas appears normal in size and shows normal parenchymal echoes. No evidence of pancreatitis or pancreatic mass lesion is seen.

SPLEEN: Spleen appears normal in size and shows normal parenchymal echoes. No evidence of focal or diffuse lesion is seen.

KIDNEYS: Both kidneys are normal in size, shape and position. Both renal contours are smooth. Cortical and central echoes appear normal. Bilateral cortical thickness appears normal. No evidence of renal calculus, hydronephrosis or mass lesion is seen on either side. No evidence of perinephric fluid collection is seen.

Right kidney measures about 10.1 x 4.6 cms in size.
Left kidney measures about 10.6 x 4.8 cms in size.

No evidence of suprarenal mass lesion is seen on either side.
Aorta, IVC and para aortic region appears normal.
No evidence of ascites is seen.

BLADDER: Bladder is normally distended and appears normal. No evidence of bladder calculus, diverticulum or mass lesion is seen.

PROSTATE: Prostate appears normal in size and shows normal parenchymal echoes. No evidence of pathological calcification or solid or cystic mass lesion is seen. Prostate volume measures about 14 cc.

COMMENT: Normal sonographic appearance of liver, GB; Pancreas, spleen, kidneys, para-aortic region, bladder and prostate.

RADIOLOGIST
DR.MEHUL PATELIYA

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CIN: L85110GJ2012PLC072647

aashka HOSPITAL

PATIENT NAME:SURESH YADAV
GENDER/AGE:Male / 36 Years
DOCTOR:
OPDNO:O0223065

DATE:29/03/24

X-RAY CHEST PA

Both lung fields appear clear
No evidence of collapse, consolidation, mediastinal lymph adenopathy, soft tissue infiltration or pleural effusion is seen.
Both hilar shadows and c.p.angles are normal.
Heart shadow appears normal in size. Aorta appears normal.
Bony thorax and both domes of diaphragm appear normal.

Impression:
Normal chest x-ray examination.

RADIOLOGIST
DR.MEHUL PATELIYA

LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Spot Urine	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 09:59	Acc. Remarks : Normal	Ref Id2 :	

Parameter	Unit	Expected value	Result/Notations				
			Trace	+	++	+++	++++
pH	-	4.6-8.0					
SG	-	1.003-1.035					
Protein	mg/dL	Negative (<10)	10	25	75	150	500
Glucose	mg/dL	Negative (<30)	30	50	100	300	1000
Bilirubin	mg/dL	Negative (0.2)	0.2	1	3	6	-
Ketone	mg/dL	Negative (<5)	5	15	50	150	-
Urobilinogen	mg/dL	Negative (<1)	1	4	8	12	-

Parameter	Unit	Expected value	Result/Notifications				
			Trace	+	++	+++	++++
Leukocytes (Strip)	/micro L	Negative (<10)	10	25	100	500	-
Nitrite(Strip)	-	Negative	-	-	-	-	-
Erythrocytes(Strip)	/micro L	Negative (<5)	10	25	50	150	250
Pus cells (Microscopic)	/hpf	<5	-	-	-	-	-
Red blood cells(Microscopic)	/hpf	<2	-	-	-	-	-
Cast (Microscopic)	/lpf	<2	-	-	-	-	-

Pending Services
Blood Glucose Fasting & Postprandial

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

For test performed on specimens received or collected from non-NSRL locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender. NSRL will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Dr. Shreya Shah
M.D. (Pathologist)

Printed On : 29-Mar-2024 18:05

LABORATORY REPORT

Name	: SURESH YADAV	Sex/Age : Male / 36 Years	Case ID : 40302200737
Ref.By	: HOSPITAL	Dis. At :	Pt. ID : 3469177
Bill. Loc.	: Aashka hospital		Pt. Loc :
Reg Date and Time	: 29-Mar-2024 08:34	Sample Type : Plasma Fluoride F, Plasma Fluoride PP	Mobile No :
Sample Date and Time	: 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065
Report Date and Time	: 29-Mar-2024 18:28	Acc. Remarks : Normal	Ref Id2 :

BIOCHEMICAL INVESTIGATIONS

Blood Glucose Level (Fasting & Post Prandial)

TEST		RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Plasma Glucose - F *Photometric,Hexokinase*	H	**108.16**	mg/dL	70 - 100	
Plasma Glucose - PP *Photometric,Hexokinase*		**135.4**	mg/dL	70.0 - 140.0	

Referance range has been changed as per recent guidelines of ISPAD 2018.

<100 mg/dL : Normal level

100-<126 mg/dL: Impaired fasting glucoseer guidelines

>=126 mg/dL: Probability of Diabetes, Confirm as per guidelines

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

For test performed on specimens received or collected from non-NSRL locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender. NSRL will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.

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Dr. Shreya Shah
M.D. (Pathologist)

Printed On : 29-Mar-2024 18:28

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

Neuberg Supratech
REFERENCE LABORATORIES
(A unit of Neuberg Diagnostics Private Limited)

LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male** / 36 Years	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type :	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time :	Acc. Remarks : Normal	Ref Id2 :	

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Blood Urea Nitrogen (BUN)			
BUN (Blood Urea Nitrogen)	**7.4**	mg/dL	8.90 - 20.60
Haemogram (CBC)			
RDW (RBC histogram)	**18.40**	%	11.00 - 16.00
Lipid Profile			
Cholesterol	**95.78**	mg/dL	110 - 200
HDL Cholesterol	**33.6**	mg/dL	48 - 77

Abnormal Result(s) Summary End

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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COLLEGE of AMERICAN PATHOLOGISTS

LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Whole Blood EDTA	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 09:36	Acc. Remarks : Normal	Ref Id2 :	

HAEMOGRAM REPORT

TEST	RESULTS	UNIT	BIOLOGICAL REF. INTERVAL	REMARKS
HB AND INDICES				
Haemoglobin	14.3	G%	13.00 - 17.00	
RBC (Electrical Impedance)	5.16	millions/cumm	4.50 - 5.50	
PCV(Calc)	45.00	%	40.00 - 50.00	
MCV (RBC histogram)	87.2	fL	83.00 - 101.00	
MCH (Calc)	27.7	pg	27.00 - 32.00	
MCHC (Calc)	31.8	gm/dL	31.50 - 34.50	
RDW (RBC histogram)	H **18.40**	%	11.00 - 16.00	
TOTAL AND DIFFERENTIAL WBC COUNT (Flowcytometry)				
Total WBC Count	6960	/µL	4000.00 - 10000.00	

	[%]		EXPECTED VALUES	[Abs]		EXPECTED VALUES
Neutrophil	53.0	%	40.00 - 70.00	3689	/µL	2000.00 - 7000.00
Lymphocyte	37.0	%	20.00 - 40.00	2575	/µL	1000.00 - 3000.00
Eosinophil	5.0	%	1.00 - 6.00	348	/µL	20.00 - 500.00
Monocytes	5.0	%	2.00 - 10.00	348	/µL	200.00 - 1000.00
Basophil	0.0	%	0.00 - 2.00	0	/µL	0.00 - 100.00

PLATELET COUNT (Optical)			
Platelet Count	160000	/µL	150000.00 - 410000.00
Neut/Lympho Ratio (NLR)	1.43		0.78 - 3.53

SMEAR STUDY

RBC Morphology	Normocytic Normochromic RBCs.
WBC Morphology	Total WBC count within normal limits.
Platelet	Platelets are adequate in number.
Parasite	Malarial Parasite not seen on smear.

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M.D. (Pathologist)

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LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Whole Blood EDTA	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 13:55	Acc. Remarks : Normal	Ref Id2 :	

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR *Westergren Method*	**12**	mm after 1hr	3 - 15	

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LABORATORY REPORT

Name	: **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**
Ref.By	: HOSPITAL	Dis. At :	Pt. ID : 3469177
Bill. Loc.	: Aashka hospital		Pt. Loc :

Reg Date and Time	: 29-Mar-2024 08:34	Sample Type	: Whole Blood EDTA	Mobile No	:
Sample Date and Time	: 29-Mar-2024 08:35	Sample Coll. By	:	Ref Id1	: O2223065
Report Date and Time	: 29-Mar-2024 08:43	Acc. Remarks	: Normal	Ref Id2	:

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
HAEMATOLOGY INVESTIGATIONS				
BLOOD GROUP AND RH TYPING (Erythrocyte Magnetized Technology) (Both Forward and Reverse Group)				
ABO Type	**B**			
Rh Type	**POSITIVE**			

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M.D. (Pathologist)

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LABORATORY REPORT

Name	: **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**
Ref.By	: HOSPITAL	Dis. At :	Pt. ID : 3469177
Bill. Loc.	: Aashka hospital		Pt. Loc :

Reg Date and Time	: 29-Mar-2024 08:34	Sample Type	: Whole Blood EDTA	Mobile No	:
Sample Date and Time	: 29-Mar-2024 08:35	Sample Coll. By	:	Ref Id1	: O2223065
Report Date and Time	: 29-Mar-2024 09:33	Acc. Remarks	: Normal	Ref Id2	:

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Glycated Haemoglobin Estimation				
HbA1C	**4.86**	% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes	
Estimated Avg Glucose (3 Mths) *Calculated*	**92.78**	mg/dL	Not available	

Please Note change in reference range as per ADA 2021 guidelines.

Interpretation :

HbA1C level reflects the mean glucose concentration over previous 8-12 weeks and provides better indication of long term glycemic control.
Levels of HbA1C may be low as result of shortened RBC life span in case of hemolytic anemia.
Increased HbA1C values may be found in patients with polycythemia or post splenectomy patients.
Patients with Homozygous forms of rare variant Hb(CC,SS,EE,SC) HbA1c can not be quantitated as there is no HbA.
In such circumstances glycemic control can be monitored using plasma glucose levels or serum Fructosamine.
The A1c target should be individualized based on numerous factors, such as age, life expectancy,comorbid conditions, duration of diabetes, risk of hypoglycemia or adverse consequences from hypoglycemia, patient motivation and adherence.

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M.D. (Pathologist)

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LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Serum	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 10:33	Acc. Remarks : Normal	Ref Id2 :	

BIOCHEMICAL INVESTIGATIONS

Lipid Profile

TEST		RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Cholesterol *Colorimetric, CHOD-POD*	L	**95.78**	mg/dL	110 - 200	
HDL Cholesterol	L	**33.6**	mg/dL	48 - 77	
Triglyceride *Glycerol Phosphate Oxidase*		**67.89**	mg/dL	<150	
VLDL *Calculated*		**13.58**	mg/dL	10 - 40	
Chol/HDL *Calculated*		**2.85**		0 - 4.1	
LDL Cholesterol *Calculated*		**48.60**	mg/dL	0.00 - 100.00	

NEW ATP III GUIDELINES (MAY 2001). MODIFICATION OF NCEP

LDL CHOLESTEROL	CHOLESTEROL	HDL CHOLESTEROL	TRIGLYCERIDES
Optimal<100	Desirable<200	Low<40	Normal<150
Near Optimal 100-129	Border Line 200-239	High >60	Border High 150-199
Borderline 130-159	High >240	-	High 200-499
High 160-189	-	-	-

- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment
- For LDL Cholesterol level Please consider direct LDL value
  Risk assessment from HDL and Triglyceride has been revised. Also LDL goals have changed.
- Detail test interpreation available from the lab
- All tests are done according to NCEP guidelines and with FDA approved kits.
- LDL Cholesterol level is primary goal for treatment and varies with risk category and assesment

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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M.D. (Pathologist)

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LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male** / **36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Serum	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 11:06	Acc. Remarks : Normal	Ref Id2 :	

BIOCHEMICAL INVESTIGATIONS

Liver Function Test

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
S.G.P.T. *UV with P5P*	**32.64**	U/L	16 - 63	
S.G.O.T. *UV with P5P*	**22.42**	U/L	15 - 37	
Alkaline Phosphatase *Enzymatic, PNPP-AMP*	**107.70**	U/L	46 - 116	
Gamma Glutamyl Transferase *L-Gamma-glutamyl-3-carboxy-4-nitroanilide Substrate*	**25.56**	U/L	0 - 55	
Proteins (Total) *Colorimetric, Biuret*	**7.89**	gm/dL	6.40 - 8.30	
Albumin *Bromocresol purple*	**4.78**	gm/dL	3.4 - 5	
Globulin *Calculated*	**3.11**	gm/dL	2 - 4.1	
A/G Ratio *Calculated*	**1.5**		1.0 - 2.1	
Bilirubin Total *Photometry*	**0.38**	mg/dL	0.3 - 1.2	
Bilirubin Conjugated *Diazotization reaction*	**0.24**	mg/dL	0 - 0.50	
Bilirubin Unconjugated *Calculated*	**0.14**	mg/dL	0 - 0.8	

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Dr. Shreya Shah
M.D. (Pathologist)

Printed On : 29-Mar-2024 18:05

LABORATORY REPORT

Name	: **SURESH YADAV**	Sex/Age : **Male** / **36 Years**	Case ID : **40302200737**
Ref.By	: HOSPITAL	Dis. At :	Pt. ID : 3469177
Bill. Loc.	: Aashka hospital		Pt. Loc :

Reg Date and Time	: 29-Mar-2024 08:34	Sample Type	: Serum	Mobile No	:
Sample Date and Time	: 29-Mar-2024 08:35	Sample Coll. By	:	Ref Id1	: O2223065
Report Date and Time	: 29-Mar-2024 10:34	Acc. Remarks	: Normal	Ref Id2	:

TEST		RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
BUN (Blood Urea Nitrogen) *GLDH*	L	**7.4**	mg/dL	8.90 - 20.60	
Uric Acid *Uricase*		**6.43**	mg/dL	3.5 - 7.2	
Creatinine		**0.74**	mg/dL	0.50 - 1.50	

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

Dr. Shreya Shah
M.D. (Pathologist)

Printed On : 29-Mar-2024 18:05

LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male** / 36 Years	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Serum	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 15:25	Acc. Remarks : Normal	Ref Id2 :	

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Thyroid Function Test				
Triiodothyronine (T3) *CMIA*	**1.05**	ng/mL	0.64 - 1.52	
Thyroxine (T4) *CMIA*	**8.45**	µg/dL	4.87 - 11.72	
TSH *CMIA*	**1.25**	µIU/mL	0.35 - 4.94	

INTERPRETATIONS

- Circulating TSH measurement has been used for screening for euthyroidism, screening and diagnosis for hyperthyroidism & hypothyroidism. Suppressed TSH (<0.01 µIU/mL) suggests a diagnosis of hyperthyroidism and elevated concentration (>7 µIU/mL) suggest hypothyroidism. TSH levels may be affected by acute illness and several medications including dopamine and glucocorticoids. Decreased (low or undetectable) in Graves disease. Increased in TSH secreting pituitary adenoma (secondary hyperthyroidism), PRTH and in hypothalamic disease thyrotropin (tertiary hyperthyroidism). Elevated in hypothyroidism (along with decreased T4) except for pituitary & hypothalamic disease.
- Mild to modest elevations in patient with normal T3 & T4 levels indicates impaired thyroid hormone reserves & incipent hypothyroidism (subclinical hypothyroidism).
- Mild to modest decrease with normal T3 & T4 indicates subclinical hyperthyroidism.
- Degree of TSH suppression does not reflect the severity of hyperthyroidism, therefore, measurement of free thyroid hormone levels is required in patient with a supressed TSH level.

CAUTIONS

Sick, hospitalized patients may have falsely low or transiently elevated thyroid stimulating hormone. Some patients who have been exposed to animal antigens, either in the environment or as part of treatment or imaging procedure, may have circulating antianimal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

TSH ref range in pregnancy	**Reference range (microIU/ml)**
First trimester	0.24 - 2.00
Second trimester	0.43-2.2
Third trimester	0.8-2.5

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh ,A-Abnormal)

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LABORATORY REPORT

Name	: SURESH YADAV		
Ref.By	: HOSPITAL	Sex/Age	: Male / 36 Years
Bill. Loc.	: Aashka hospital	Dis. At	:
		Case ID	: 40302200737
		Pt. ID	: 3469177
		Pt. Loc	:

Reg Date and Time	: 29-Mar-2024 08:34	Sample Type	: Serum	Mobile No	:
Sample Date and Time	: 29-Mar-2024 08:35	Sample Coll. By	:	Ref Id1	: O2223065
Report Date and Time	: 29-Mar-2024 15:25	Acc. Remarks	: Normal	Ref Id2	:

Interpretation Note:
Ultra sensitive-thyroid–stimulating hormone (TSH) is a highly effective screening assay for thyroid disorders. In patients with an intact pituitary-thyroid axis, s-TSH provides a physiologic indicator of the functional level of thyroid hormone activity. Increased s-TSH indicates inadequate thyroid hormone, and suppressed s-TSH indicates excess thyroid hormone.Transient s-TSH abnormalities may be found in seriously ill, hospitalized patients, so this is not the ideal setting to assess thyroid function. However, even in these patients, s-TSH works better than total thyroxine (an alternative screening test). when the s-TSH result is abnormal, appropriate follow-up tests T4 & free T3 levels should be performed. If TSH is between 5.0 to 10.0 & free T4 & free T3 level are normal then it is considered as subclinical hypothyroidism which should be followed up after 4 weeks & If TSH is > 10 & free T4 & free T3 level are normal then it is considered as overt hypothyroidism.
Serum triiodothyronine (T3) levels often are depressed in sick and hospitalized patients, caused in part by the biochemical shift to the production of reverse T3. Therefore, T3 generally is not a reliable predictor of hypothyroidism. However, in a small subset of hyperthyroid patients, hyperthyroidism may be caused by overproduction of T3 (T3 toxicosis). To help diagnose and monitor this subgroup, T3 is measured on all specimens with suppressed s-TSH and normal FT4 concentrations.
Normal ranges of TSH & thyroid hormons vary according trimesper in pregnancy.

TSH ref range in Pregnacy	Reference range (microIU/ml)
First triemester	0.24 - 2.00
Second triemester	0.43-2.2
Third triemester	0.8-2.5

	T3	T4	TSH
Normal Thyroid function	N	N	N
Primary Hyperthyroidism	↑	↑	↓
Secondary Hyperthyroidism	↑	↑	↑
Grave's Thyroiditis	↑	↑	↑
T3 Thyrotoxicosis	↑	N	N/↓
Primary Hypothyroidism	↓	↓	↑
Secondary Hypothyroidism	↓	↓	↓
Subclinical Hypothyroidism	N	N	↑
Patient on treatment	N	N/↑	↓

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LABORATORY REPORT

Name : **SURESH YADAV**	Sex/Age : **Male / 36 Years**	Case ID : **40302200737**	
Ref.By : HOSPITAL	Dis. At :	Pt. ID : 3469177	
Bill. Loc. : Aashka hospital		Pt. Loc :	
Reg Date and Time : 29-Mar-2024 08:34	Sample Type : Spot Urine	Mobile No :	
Sample Date and Time : 29-Mar-2024 08:35	Sample Coll. By :	Ref Id1 : O2223065	
Report Date and Time : 29-Mar-2024 09:59	Acc. Remarks : Normal	Ref Id2 :	

URINE EXAMINATION (STRIP METHOD AND FLOWCYTOMETRY)

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Physical examination				
Colour	**Pale yellow**			
Transparency	**Clear**			
Chemical Examination By Sysmex UC-3500				
Sp.Gravity	**1.020**		1.005 - 1.030	
pH	**6.00**		5 - 8	
Leucocytes (ESTERASE)	**Negative**		Negative	
Protein	**Negative**		Negative	
Glucose	**Negative**		Negative	
Ketone Bodies Urine	**Negative**		Negative	
Urobilinogen	**Negative**		Negative	
Bilirubin	**Negative**		Negative	
Blood	**Negative**		Negative	
Nitrite	**Negative**		Negative	
Flowcytometric Examination By Sysmex UF-5000				
Leucocyte	**Nil**	/HPF	Nil	
Red Blood Cell	**Nil**	/HPF	Nil	
Epithelial Cell	**Present +**	/HPF	Present(+)	
Bacteria	**Nil**	/µL	Nil	
Yeast	**Nil**	/µL	Nil	
Cast	**Nil**	/HPF	Nil	
Crystals	**Nil**	/HPF	Nil	

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