

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 spouse of our employee wishes to avail the facility of Cashless Annual Health Checkup provided by you in terms of our agreement.

PARTICULARS OF HEALTH CHECK UP BENEFICIARY	
NAME	HETALBEN KIRTAN VALAND
DATE OF BIRTH	03-12-1987
PROPOSED DATE OF HEALTH CHECKUP FOR EMPLOYEE SPOUSE	23-11-2023
BOOKING REFERENCE NO.	23D178243100076270S
SPOUSE DETAILS	
EMPLOYEE NAME	MR. VALAND KIRTAN LAXMISHANKAR
EMPLOYEE EC NO.	178243
EMPLOYEE DESIGNATION	SWACHHTA SAHAYAK EVAM SAHAYAK
EMPLOYEE PLACE OF WORK	RUPAL
EMPLOYEE BIRTHDATE	26-06-1988

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 **23-11-2023** 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's spouse 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.

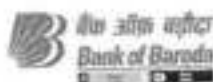
We solicit your co-operation in this regard.

Yours faithfully,

Sd/-

**Chief General Manager
HRM Department
Bank of Baroda**

(Note: This is a computer generated letter. No Signature required. For any clarification, please contact Mediwheel (Arcofemi Healthcare Limited))





011-41195959

Email:wellness@mediwheel.in

Dear HETALBEN KIRTAN VALAND,

Thanks for booking Health Checkup and we have required following document for confirmation of booking health checkup.

1. HRM Letter

Please note following instruction for HRM letter.

1. For generating permission letter for cashless health check-up in the HR Connect, the path to be followed is given below:

a) Employee Self Service-> Reimbursement-> Reimbursement application ->Add New value ->Reimbursement Type: Mandatory Health Check-up - Click Add

b) Select Financial Year2023-24, Self or Spouse, Claim Type - Cashless and Submit

c) After submission, click print button to generate Permission Letter

[Upload HRM Letter](#)

Booking Date : 23-11-2023

Health Check up Name : Medi-Wheel Metro Full Body Health Checkup Female Below 40

Name of Diagnostic/Hospital : Aashka Multispeciality Hospital

Address of Diagnostic/Hospital : Between Sargasan & Reliance Cross Road

Appointment Date : 23-11-2023

Preferred Time : 10.00am-10:30am

Member Information			
Booked Member Name	Age	Gender	Cost(In INR)
HETALBEN KIRTAN VALAND	35	Female	Cashless
Total amount to be paid Cashless			
We will get back to you with confirmation update shortly.Please find the package details as attached for your reference.			
Package Name	Medi-Wheel Metro Full Body Health Checkup Female Below 40 - Includes(37)Tests		
Tests included in this Package	Ecg, TSH, X-ray Chest, Stress Test (tmt)/ 2d Echo, Blood Sugar Postprandial, A/g Ratio, Blood Group, Total Cholesterol, Triglycerides, Fasting Blood Sugar, Ultrasound Whole Abdomen , Glycosylated Haemoglobin (hba1c), Hdl, Vldl, Urine Analysis, LDL, Total Protine, General Consultation, HDL/ LDL ratio, GGT(Gamma-glutamyl Transferase), Eye Check-up consultation, ALP (ALKALINE PHOSPHATASE), Uric Acid, AST/ALT Ratio, Serum Protein, CBC with ESR, Stool Analysis, Urine Sugar Fasting, Urine Sugar PP, T3, T4, Cholesterol Total / HDL Ratio, BUN, BUN/Creatinine Ratio, Bilirubin Total & Direct and indirect, Albumin, Globulin		




बैंक ऑफ बरोडा
Bank of Baroda



नाम किरतन लक्ष्मीशंकर वालंद
Name KIRTAN LAXMISHANKER VALAND

कर्मचारी कोड नं. 178243
Employee Code No.


आवेदन प्रमाणित करने वाली
Issuing Authority


धारक के हस्ताक्षर
Signature of Holder

DR. PRERAK TRIVEDI
M.D., IDCCM
CRITICAL CARE MEDICINE
REG.NO.G-59493

UHID: <u>OSP32382</u> Date: <u>23/11/23</u> Time: <u>5:20 PM</u>	
Patient Name: <u>Hetal ban valand</u>	Height:
Age / Sex: <u>36 yr / F</u> LMP:	Weight:
History:	
C/C/O:	History: <u>HTN</u> <u>over. metoprolol</u> <u>(50)</u>
Allergy History: <u>Normal</u>	Addiction: <u>Normal</u>
Nutritional Screening: <u>Well-Nourished / Malnourished / Obese</u>	
Vitals & Examination: Temperature: <u>Normal</u> Pulse: <u>70/min</u> BP: <u>168/92 mmHg</u> SPO2: <u>98% on RA</u>	
Provisional Diagnosis:	

DR. SEJAL J AMIN
B.D.S , M.D.S (PERIODONTIST)
IMPLANTOLOGIST
REG NO: A-12942

UHID:	OSP 32382	Date:	23/11/23	Time:					
Patient Name:	Hetal bora	Age / Sex:	36 / F	Height:	156 cm				
	valand.	Weight:	92.1		kg				
Chief Complain:									
History:	→ Routine dental check up								
Allergy History:									
Nutritional Screening:	Well-Nourished / Malnourished / Obese								
Examination:	→								
Extra oral :	→ Impacted teeth								
Intra oral – Teeth Present :	→								
	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S</td> <td style="padding: 0 5px;">S</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">e</td> <td style="padding: 0 5px;">S</td> </tr> </table>					S	S	e	S
S	S								
e	S								
Teeth Absent :									
Diagnosis:									

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



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

UHID: 05P32382	Date: 23/11/20	Time:
Patient Name: METALBA KIRTON VALANI	Age /Sex:	Height:
	Weight:	
History: C/O Reddish chumra		
Allergy History:		
Nutritional Screening: Well-Nourished / Malnourished / Obese		
Examination: D.V. < 6/9 6/9 N.O + 0.00 Color vision test		
Diagnosis:		

PATIENT NAME: HETALBEN KIRTAN VALAND

GENDER/AGE: Female / 35 Years

DATE: 23/11/23

DOCTOR:

OPDNO: OSP32382

X-RAY CHEST PA

Both lung fields show increased broncho-vascular markings.

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.

No evidence of cervical rib is seen on either side.


DR. SNEHAL PRAJAPATI
CONSULTANT RADIOLOGIST

REPORT REPORT REPORT REPORT REPORT

PATIENT NAME: HETALBEN KIRTAN VALAND

GENDER/AGE: Female / 35 Years

DATE: 23/11/23

DOCTOR:

OPDNO: OSP32382

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 10.0 x 4.0 cms in size.

Left kidney measures about 10.3 x 4.2 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. Prevoid bladder volume measures about 30 cc.

COMMENT: Fecal loaded large bowel loops seen.

Normal sonographic appearance of liver, GB; Pancreas, spleen, kidneys and bladder.


DR. SNEHAL PRAJAPATI
CONSULTANT RADIOLOGIST

REPORT

COLOUR DOPPLER ECHOCARDIOGRAPH REPORT

Patient's Name: Hetalben K. Valas Age: 36 Sex: F

Ref. by Doctor: H.C. IP/OP No.: OSP32842 Date: 23/11/2023

MITRAL VALVE :
 AORTIC VALVE :
 TRICUSPID VALVE :
 PULMONARY VALVE :
 AORTA : 32
 LEFT ATRIUM : 36
 LV Dd/ Ds : 41/28 - EF 55%
 IVS / LVPW / D : 11/11 Borderline LVH
 IVS :
 IAS : Intact
 RA :
 RV :
 PA :
 PERICARDIUM :
 VEL : PEAK MEAN
 M/S : Gradient mm Hg Gradient mm Hg
 MITRAL : 1/0.7
 AORTIC : 1.6
 PULMONARY : 1.2
 COLOUR DOPPLER : mild MR/TR
 RSVP : 28.75
 CONCLUSION : Borderline LVH; mild MR/TR

Ad. Pt second (WT red)
TMT
 AHL/GNR/MR/52/ 1of 1

COLOUR DOPPLER ECHOCARDIOGRAPH REPORT

23.11.2023 1:38:28 PM
AGRIYA HOSPITAL LTD.
SARGASAN
GANDHINAGAR

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

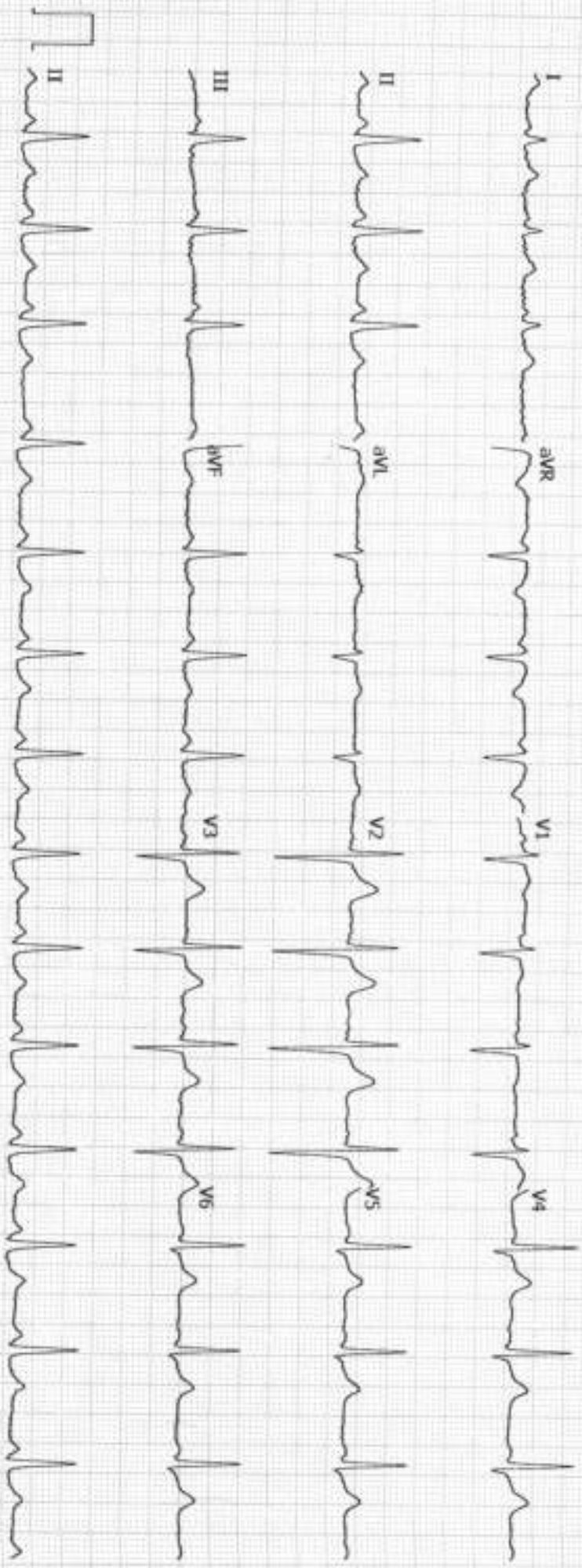
Patient: 0409 107 D 942 #

87 bpm
-- / -- mmHg

Technician:
Ordering Ph:
Referring Ph:
Attending Ph:

QRS : 84 ms
QT / QTcBaz : 368 / 442 ms
PR : 118 ms
P : 100 ms
RR / PP : 686 / 689 ms
P / QRS / T : 59 / 73 / 25 degrees

Normal sinus rhythm with sinus arrhythmia
Normal ECG



GE MAC2000 1.1 12SL™ V241

25 mm/s 10 mm/mV

ADS 0.56-20 Hz 50 Hz

Unconfirmed
4x2.5x3.25, R1

1/1



LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref.By : AASHKA HOSPITAL	Dis. At :	PL ID : 3146026
Bill. Loc. : Aashka hospital		PL Loc :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type :	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time :	Acc. Remarks : Normal	Ref Id2 : O23247785

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Glyco Hemoglobin			
HbA1C	5.73	% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes
Haemogram (CBC)			
RBC (Electrical Impedance)	4.81	millions/cu mm	3.80 - 4.80
MCV (RBC histogram)	78.0	fL	83.00 - 101.00
WtHi (Calc)	25.4	pg	27.00 - 32.00
Lipid Profile			
HDL Cholesterol	41.2	mg/dL	48 - 77
Chol/HDL	4.47		0 - 4.1
LDL Cholesterol	117.89	mg/dL	0.00 - 100.00
Urine Examination			
Leucocytes (ESTERASE)	Present (++)		Negative
Leucocyte	35-40	/HPF	Nil
Red Blood Cell	1-2	/HPF	Nil
Plasma Glucose - PP	169.09	mg/dL	70.0 - 140.0
Uric Acid	7.62	mg/dL	2.6 - 6.2

Abnormal Result(s) Summary End

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

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 3146026
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type : Whole Blood EDTA	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 12:27	Acc. Remarks : Normal	Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF. INTERVAL	REMARKS
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HAEMOGRAM REPORT

HB AND INDICES

Haemoglobin	12.2	G%	12.0 - 15.0
RBC (Electrical Impedance)	H 4.81	millions/cumm	3.80 - 4.80
PCV(Calc)	37.52	%	36.00 - 46.00
MCV (RBC histogram)	L 78.0	fL	83.00 - 101.00
MCH (Calc)	L 25.4	pg	27.00 - 32.00
MCHC (Calc)	32.5	gm/dL	31.50 - 34.50
RDW (RBC histogram)	13.40	%	11.00 - 16.00

TOTAL AND DIFFERENTIAL WBC COUNT (Flowcytometry)

Total WBC Count	6430	/μL	4000.00 - 10000.00
Neutrophil	[%] 58.0	%	EXPECTED VALUES 40.00 - 70.00 [Abs] 3729 /μL EXPECTED VALUES 2000.00 - 7000.00
Lymphocyte	34.0	%	20.00 - 40.00 2186 /μL 1000.00 - 3000.00
Eosinophil	4.0	%	1.00 - 6.00 257 /μL 20.00 - 500.00
Monocytes	4.0	%	2.00 - 10.00 257 /μL 200.00 - 1000.00
Basophil	0.0	%	0.00 - 2.00 0 /μL 0.00 - 100.00

PLATELET COUNT (Optical)

Platelet Count	339000	/μL	150000.00 - 410000.00
Neut/Lympho Ratio (NLR)	1.71		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.

Note (LL-Very Low, L-Low, H-High, HH-Very High, A-Abnormal)

Dr. Shreya Shah
M.D. (Pathologist)

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Neuberg Supratech Reference Laboratories Private Limited

“KEDAR” Opposite Krupa Petrol Pump, Near Parimal Garden, Ahmedabad - 380006
079-40408181 / 61618181 contact@supratechlabs.com www.neubergsupratech.com



LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
Ref. By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
Bill. Loc. : Aashka hospital Pt. Loc. :

Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Whole Blood EDTA Mobile No :
Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 14:40 Acc. Remarks : Normal Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR Westergren Method	13	mm after 1hr	3 - 20	

Note (LL-Very Low, L-Low, H-High, HH-Very High, A-Abnormal)

Dr. Shreya Shah

M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 3146026
Bill. Loc. : Aashka hospital		Pt. Loc :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type : Whole Blood EDTA	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 12:16	Acc. Remarks : Normal	Ref Id2 : O23247785

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

ABO Type	B
Rh Type	NEGATIVE

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

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref. By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 3146026
Bill. Loc : Aashka hospital		Pt. Loc :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type : Spot Urine	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 12:24	Acc. Remarks : Normal	Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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URINE EXAMINATION (STRIP METHOD AND FLOWCYTOMETRY)

Physical examination

Colour	Pale yellow
Transparency	Slight Turbid

Chemical Examination By Sysmex UC-3500

Sp. Gravity	>1.025	1.005 - 1.030
pH	<5.5	5 - 8
Leucocytes (ESTERASE)	Present (++)	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	35-40	/HPF	Nil
Red Blood Cell	1-2	/HPF	Nil
Epithelial Cell	Present +	/HPF	Present(+)
Bacteria	Nil	/ul	Nil
Yeast	Nil	/ul	Nil
Cast	Nil	/LPF	Nil
Crystals	Nil	/HPF	Nil

Note (LL-Very Low, L-Low, H-High, HH-Very High, A-Abnormal)

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
 Ref By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
 Bill. Loc. : Aashka hospital Pt. Loc :
 Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Spot Urine Mobile No :
 Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref Id1 : OSP32382
 Report Date and Time : 23-Nov-2023 12:24 Acc. Remarks : Normal Ref Id2 : O23247785

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	-	-	-	-	-

Units: (V-VeryLow, L-Low, H-High, HH-VeryHigh, A-Abnormal)

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
 Bill. Loc : Aashka hospital Pt. Loc :

Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Plasma Fluoride F, Plasma Fluoride PP, Serum Mobile No :
 Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref Id1 : OSP32382
 Report Date and Time : 23-Nov-2023 14:40 Acc. Remarks : Normal Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Plasma Glucose - F <small>Photometric, Hexokinase</small>	93.63	mg/dL	70 - 100	
Plasma Glucose - PP <small>Photometric, Hexokinase</small>	H 169.09	mg/dL	70.0 - 140.0	
BUN (Blood Urea Nitrogen) <small>GLDH</small>	9.7	mg/dL	7.00 - 18.70	
Creatinine	0.68	mg/dL	0.50 - 1.50	
Uric Acid <small>Uricase</small>	H 7.62	mg/dL	2.6 - 6.2	

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

Dr. Shreya Shah
 M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
 Ref. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Serum Mobile No :
 Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref Id1 : OSP32382
 Report Date and Time : 23-Nov-2023 14:40 Acc. Remarks : Normal Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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BIOCHEMICAL INVESTIGATIONS

Lipid Profile

Cholesterol Colorimetric, CHOD-POD	184.15	mg/dL	110 - 200	
HDL Cholesterol	L 41.2	mg/dL	48 - 77	
Triglyceride Glycerol Phosphate Oxidase	125.28	mg/dL	<150	
VLDL Calculated	25.06	mg/dL	10 - 40	
Cho/HDL Calculated	H 4.47		0 - 4.1	
LDL Cholesterol Calculated	H 117.89	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 assessment
- 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 interpretation 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 assessment

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

Dr. Shreya Shah
M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
 Bill. Loc : Aashka hospital Pt. Loc :

Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Serum Mobile No :
 Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref Id1 : OSP32382
 Report Date and Time : 23-Nov-2023 15:34 Acc. Remarks : Normal Ref Id2 : O23247785

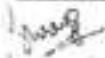
TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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BIOCHEMICAL INVESTIGATIONS

Liver Function Test

S.G.P.T. <i>UV with PSP</i>	19.87	U/L	14 - 59
S.G.O.T. <i>UV with PSP</i>	15.47	U/L	15 - 37
Alkaline Phosphatase <i>Enzymatic, PNPP-AMP</i>	75.99	U/L	46 - 116
Gamma Glutamyl Transferase <i>L-Gamma-glutamyl-3-Carboxy-4-nitroanilide Substrate</i>	16.06	U/L	0 - 38
Proteins (Total) <i>Coculimetric, Bluret</i>	7.20	gm/dL	6.40 - 8.30
Albumin <i>Bromocresol purple</i>	4.38	gm/dL	3.4 - 5
Globulin <i>Calculated</i>	2.82	gm/dL	2 - 4.1
A/G Ratio <i>Calculated</i>	1.6		1.0 - 2.1
Bilirubin Total <i>Photometry</i>	0.38	mg/dL	0.3 - 1.2
Bilirubin Conjugated <i>Diazotization reaction</i>	0.15	mg/dL	0 - 0.50
Bilirubin Unconjugated <i>Calculated</i>	0.23	mg/dL	0 - 0.8

Note (LL-Very Low, L-Low, H-High, HH-Very High, A-Abnormal)


Dr. Shreya Shah
 M.D. (Pathologist)

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 3146026
Bill. Loc. : Aashka hospital		Pt. Loc. :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type : Whole Blood EDTA	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 12:30	Acc. Remarks : Normal	Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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Glycated Haemoglobin Estimation

HbA1C	H <u>5.73</u>		% of total Hb	<5.7: Normal 5.7-6.4: Prediabetes >=6.5: Diabetes
Estimated Avg Glucose (3 Mths) Calculated	117.75	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.

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

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LABORATORY REPORT



Name : HETALBEN KIRTAN VALAND Sex/Age : Female/ 36 Years Case ID : 31102200504
 Ref.By : AASHKA HOSPITAL Dis. At : Pt. ID : 3146026
 Bill. Loc. : Aashka hospital Pt. Loc :

Reg Date and Time : 23-Nov-2023 11:29 Sample Type : Serum Mobile No :
 Sample Date and Time : 23-Nov-2023 11:29 Sample Coll. By : Ref id1 : OSP32382
 Report Date and Time : 23-Nov-2023 15:34 Acc. Remarks : Normal Ref id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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BIOCHEMICAL INVESTIGATIONS

Proteins (Total) <i>Colorimetric, Biuret</i>	7.20	gm/dL	6.40 - 8.30	
Albumin <i>Bromocresol purple</i>	4.38	gm/dL	3.4 - 5	
Globulin <i>Calculated</i>	2.82	gm/dL	2 - 4.1	
A/G Ratio <i>Calculated</i>	1.6		1.0 - 2.1	

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

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Name : HETALBEN KIRTAN VALAND	Sex/Age : Female/ 36 Years	Case ID : 31102200504
Ref.By : AASHKA HOSPITAL	Dis. At :	Pt. ID : 3146026
Bill. Loc. : Aashka hospital		Pt. Loc. :
Reg Date and Time : 23-Nov-2023 11:29	Sample Type : Serum	Mobile No :
Sample Date and Time : 23-Nov-2023 11:29	Sample Coll. By :	Ref Id1 : OSP32382
Report Date and Time : 23-Nov-2023 14:41	Acc. Remarks : Normal	Ref Id2 : O23247785

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
Thyroid Function Test				
Triiodothyronine (T3)	114.25	ng/dL	70 - 204	
Thyroxine (T4) <small>CMIA</small>	10.66	ng/dL	4.87 - 11.72	
TSH <small>CMIA</small>	1.05	μIU/mL	0.4 - 4.2	

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 & incipient 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 suppressed 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

First trimester
Second trimester
Third trimester

Reference range (microIU/ml)

0.24 - 2.00
0.43-2.2
0.8-2.5

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

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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 hormones vary according trimester in pregnancy.

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

	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/↑	↓

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-Very Low, L-Low, H-High, HH-Very High, A-Abnormal)

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