



*Kantaben FM 10*  
*RTA (type 29) COMMUS??*

## Laboratory Services

Sir Takhtasinhji General Hospital, Bhavnagar  
Email-ID : LSSTH249@GMAIL.COM



Patient :- Kantaben-(F/80 Yrs)

Referred by Unit :- Medicine Unit-1

Patient ID :- 24/00347096

Source :- 7TH FLOOR

**Biochemistry** - 1511241268@BIOCHEMISTRY LAB dated 15-Nov-2024 10:52 PM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 15-11-2024 22:52			
• Sample Material. : SERUM			
- S. Sodium (NA);	138.00 mEq/L	(136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>2.00</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>111.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	

Electrolytes Remarks: K &lt; 2.5 mMol/L; Potassium: &lt;2.5 mmol/L, Kindly co-relate clinically, Repeat sample if required

Report Prepared By DR.KG GOPALAKRISHNAN at 15-Nov-2024 11:36 PM

Electronically Signed by DR.KG GOPALAKRISHNAN at 15-Nov-2024 11:36 PM

---End Of Report---



# Laboratory Services

## Sir Takhtasinhji General Hospital, Bhavnagar

Email-ID : LSSTH249@GMAIL.COM



Patient :- Kantaben-(F/80 Yrs)

Referred by Unit :- Emergency

Patient ID :- 24/00347096

Source :- EMW

**Biochemistry** - 1611241012@BIOCHEMISTRY LAB dated 16-Nov-2024 01:16 AM

Parameter	Result	Biol.Ref.Range	Method
<u>Sample Parameters</u>			
• Sample Receipt DateTime : 16-11-2024 01:16			
• Sample Material. : SERUM			
- S. Creatinine (Crea);	1.09 mg/dL	(0.57 - 1.11 mg/dL)	(Kinetic Alkaline Picrate)
- Random Plasma Glucose	88.00 mg/dL	70 - 140	(Hexokinase / GOD-POD)
- S. Sodium (NA);	<b>135.00</b> mEq/L	L (136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>2.00</b> mEq/L	L (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>109.00</b> mmol/L	H (98 - 107 mmol/L)	

Electrolytes Remarks: K < 2.5 mMol/L

Report Prepared By DR.KG GOPALAKRISHNAN at 16-Nov-2024 03:07 AM

Electronically Signed by DR.KG GOPALAKRISHNAN at 16-Nov-2024 03:07 AM

---End Of Report---



# Laboratory Services

Sir Takhtasinhji General Hospital, Bhavnagar  
Email-ID : LSSTH249@GMAIL.COM



Patient :- Kantaben-(F/50 Yrs)

Referred by Unit :- Medicine Unit-1

Patient ID :- 24/00347096

Source :- 7TH FLOOR

**Biochemistry** - 1611241177@BIOCHEMISTRY LAB dated 16-Nov-2024 11:33 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 16-11-2024 11:33			
• Sample Material. : SERUM			
- S. Sodium (NA);	138.00 mEq/L	(136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>1.80</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>118.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	

**Electrolytes Remarks: Please Correlate values clinically., POTASSIUM < 2.8 MEQ/L**

Electronically Signed by DR.KG GOPALAKRISHNAN at 16-Nov-2024 01:07 PM

---End Of Report---



**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
**Email-ID : LSSTH249@GMAIL.COM**



Patient :- Ranuben-(F/80 Yrs)  
 Patient ID :- 24/00331501

Referred by Unit :- Surgery Unit-1  
 Source :- FS-9

**Biochemistry** - 1611241045@BIOCHEMISTRY LAB dated 16-Nov-2024 06:56 AM

Parameter	Result	Biol.Ref.Range	Method
<u>Sample Parameters</u>			
• Sample Receipt DateTime : 16-11-2024 06:56			
• Sample Material. : SERUM			
- Fasting Plasma Glucose	28.00 mg/dL	70 - 110	(Hexokinase - Kinetic Method)

Report Prepared By DR.KG GOPALAKRISHNAN at 16-Nov-2024 10:55 AM  
 Electronically Signed by DR.KG GOPALAKRISHNAN at 16-Nov-2024 10:55 AM

---End Of Report---



**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
**Email-ID : LSSTH249@GMAIL.COM**



Patient :- Kantaben-(F/80 Yrs)  
 Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
 Source :- FM 10

**Biochemistry** - 1811241061@BIOCHEMISTRY LAB dated 18-Nov-2024 07:10 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 18-11-2024 07:10			
• Sample Material. : SERUM			
- S. Creatinine (Crea);	1.09 mg/dL	(0.57 - 1.11 mg/dL)	(Kinetic Alkaline Picrate)
- Fasting Plasma Glucose	70.00 mg/dL	70 - 110	(Hexokinase - Kinetic Method)
- S. Sodium (NA);	133.00 mEq/L	L (136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	2.30 mEq/L	L (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	117.00 mmol/L	H (98 - 107 mmol/L)	
- S. Cholesterol (Chol);	79.00 mg/dL	150 - 250	(Enzymatic-Cholesterol oxidase, Peroxidase)
- S. Triglyceride	29.00 mg/dL	M: 65 - 190; F: 45 - 170	(Glycerol Phosphate Oxidase (End point))
- S. VLDL	5.80	0 - 35	(Calculated)

Electrolytes Remarks: POTASSIUM < 2.8 MEQ/L  
 Report Prepared By DILSHAD ANWAR at 18-Nov-2024 09:11 AM  
 Electronically Signed by DR.KG GOPALAKRISHNAN at 18-Nov-2024 09:50 AM

---End Of Report---

⇒ Preserved with, → Muscle Spasm &  
 Extreme Weakness  
 Ix → Extreme low  $Ca^{2+}$  & pH  
 Extreme ~~low~~  
 Nephrologist → Gammapathy of Renal  
 significance.



**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
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Patient :- Kantaben-(F/80 Yrs)  
Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
Source :- FM 10

**Biochemistry** - 1911241053@BIOCHEMISTRY LAB dated 19-Nov-2024 07:18 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 19-11-2024 07:18			
• Sample Material. : SERUM			
- S. Sodium (NA);	<b>135.00</b> mEq/L	<b>L</b> (136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>2.80</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>121.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	
- S. Creatinine (Crea);	0.91 mg/dL	(0.57 - 1.11 mg/dL)	(Kinetic Alkaline Picrate)

Report Prepared By RANJAN R RATHOD at 19-Nov-2024 09:12 AM  
Electronically Signed by DR.SAPNA P PATEL at 19-Nov-2024 09:32 AM

---End Of Report---



**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
**Email-ID : LSSTH249@GMAIL.COM**

Referred by Unit :- **Medicine Unit-1**  
Source :- **FM 10**

Patient :- **Kantaben-(F/80 Yrs)**  
Patient ID :- **24/00347096**

**Biochemistry** - 1911241053@BIOCHEMISTRY LAB dated 19-Nov-2024 07:18 AM

Parameter	Result	Biol.Ref.Range	Method
- S. Calcium (Ca);	<b>6.50</b> mg/dL	<b>L</b> (8.6 - 10.2 mg/dL)	(Arsenazo III)
- S. Magnesium (Mg);	2.27 mg/dL	(1.6 - 2.6 mg/dL)	(Enzymatic-Isocitrate dehydrogenase)
- S. Vit B12	>2000 pg/ml	206 - 678 pg/ml	(CMIA)

Report Prepared By **RADHIKABEN R MER** at 19-Nov-2024 01:46 PM  
Electronically Signed by **DR.SAPNA P PATEL** at 19-Nov-2024 03:30 PM

---End Of Report---



# Laboratory Services

## Sir Takhtasinhji General Hospital, Bhavnagar

Email-ID : LSSTH249@GMAIL.COM



Patient :- Kantaben-(F/80 Yrs)  
Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
Source :- FM 10

**Biochemistry** - 2011241083@BIOCHEMISTRY LAB dated 20-Nov-2024 07:45 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 20-11-2024 07:45			
• Sample Material. : SERUM			
- S. Sodium (NA);	136.00 mEq/L	(136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>3.40</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>122.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	(Hexokinase - Kinetic Method)
- Fasting Plasma Glucose	70.00 mg/dL	70 - 110	(Enzymatic-Cholesterol oxidase, Peroxidase)
- S. Cholesterol (Chol);	84.00 mg/dL	150 - 250	(Glycerol Phosphate Oxidase (End point))
- S. Triglyceride	38.00 mg/dL	M: 65 - 190; F: 45 - 170	(Accelerator Selective Detergent)
- S. HDLD	26.00 mg/dL	M: 35 - 80; F: 42 - 88	(Calculated)
- S. VLDL	7.60	0 - 35	(Calculated)
- CHOL/HDLD	3.23		(Calculated)
- CHOL/LDL	1.67		(Liquid Selective Detergent)
- S.Direct LDL	36 mg/dl		(Urease)
- S. Urea	13.00 mg/dL	(12 - 40 mg/dL)	(Kinetic Alkaline Picrate)
- S. Creatinine (Crea);	0.78 mg/dL	(0.57 - 1.11 mg/dL)	(Diazo Method)
- S. Total Bilirubin	0.72 mg/dL	(0.2 - 1.5 mg/dL)	(Diazo Method)
- S. Direct Bilirubin (DBIL);	0.47 mg/dL	(0 - 0.5 mg/dL)	(Calculated)
- S. Indirect Bilirubin (IBIL);	0.25 mg/dL	0.2 - 0.8	(IFCC, Kinetic w/o pyridoxal phosphate)
- S. ALT (SGPT);	<b>57.00</b> IU/L	<b>H</b> (0 - 34 IU/L)	(IFCC, Kinetic w/o pyridoxal phosphate)
- S. AST (SGOT);	<b>96.00</b> IU/L	<b>H</b> (0 - 31 IU/L)	(Para-nitrophenyl Phosphate)
- S. Alkaline Phosphatase (ALP);	360.00 U/L	M: 41-137; F: 39-118	(Biuret(End point))
- S. Total Protein (TP);	<b>5.73</b> gm/dL	<b>L</b> (6 - 8 gm/dL)	(B.C.G Dye Binding End Point)
- S. Albumin (ALB);	2.50 gm/dL	3.7 - 5.3	(Calculated)
- S. Globulin	<b>3.23</b> gm/dL	<b>H</b> (2.9 - 3.1 gm/dL)	(Calculated)
- S. A/G Ratio	<b>0.77</b>	<b>L</b> (1.2 - 1.5 )	(Calculated)

Report Prepared By DR.SAPNA P PATEL at 20-Nov-2024 01:13 PM  
Electronically Signed by DR.SAPNA P PATEL at 20-Nov-2024 01:13 PM

---End Of Report---





**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
**Email-ID : LSSTH249@GMAIL.COM**

Patient :- **Kantaben-(F/80 Yrs)**  
 Patient ID :- **24/00347096**

Referred by Unit :- **Medicine Unit-1**  
 Source :- **FM 10**

**Biochemistry** - 2011241083@BIOCHEMISTRY LAB dated 20-Nov-2024 07:45 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 20-11-2024 07:45			
• Sample Material. : SERUM			
- S. Calcium (Ca);	<b>6.90</b> mg/dL	<b>L</b> (8.6 - 10.2 mg/dL)	(Arsenazo III)
- S. Magnesium (Mg);	1.77 mg/dL	(1.6 - 2.6 mg/dL)	(Enzymatic-Isocitrate dehydrogenase)
- LDH	189.00 U/L	(125 - 220 U/L)	
- S. Iron	<b>48.00</b> ug/dL	<b>L</b> (50 - 170 ug/dL)	(Ferene- Endpoint)
- TIBC Value	<b>114.00</b> ug/dl	<b>L</b> (240 - 450 ug/dl)	(Calculated)
- S. Ferritin	<b>145.48</b> ng/ml	<b>H</b> (10 - 120 ng/ml)	(CMIA)
- S. TSH	0.9900 uIU/ml	(0.5 - 8.9 uIU/ml)	(CMIA)
- S. Vit B12	>2000 pg/ml	206 - 678 pg/ml	(CMIA)
- PROCALCITONIN	0.28 ng/mL		
- Urine Sodium	65.00 mEq/L	40 - 350	
- Urine Potassium	23.00 mEq/L	650 - 1500	
- Urine Glucose	1.00 mg/dl		
- Urine Urea	127.00 mg/dL	60 - 280	
- Urine Osmolarity	197.22		
- Random Plasma Glucose	70.00 mg/dL	70 - 140	(Hexokinase / GOD-POD)
- S. Urea	13.00 mg/dL	(12 - 40 mg/dL)	(Urease)
- S. Sodium (NA);	136.00 mEq/L	(136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>3.40</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- S. Osmolarity	284.86 mOsm/l		

Report Prepared By **DR.PIYUSH B TAILOR** at 20-Nov-2024 03:43 PM  
 Electronically Signed by **DR.PIYUSH B TAILOR** at 20-Nov-2024 03:43 PM

---End Of Report---



# Laboratory Services

## Sir Takhtasinhji General Hospital, Bhavnagar

Email-ID : LSSTH249@GMAIL.COM

Patient :- Kantaben-(F/80 Yrs)  
Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
Source :- FM 10

**Biochemistry** - 2011241184@BIOCHEMISTRY LAB dated 20-Nov-2024 12:18 PM

Parameter	Result	Biol.Ref.Range	Method
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Sample Parameters

- Sample Receipt DateTime : 20-11-2024 12:18
- Sample Material. : SERUM

- pH	7.22		
- PCO2	27.00 mmHg		
- pO2	15.30 mmHg		
- HCO3 (Bicarbonate)	10.70 mmol/L		
- Sodium	128.80 mmol/L		
- Potassium	3.38 mmol/L		
- Chloride	<b>109.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	
- Ionised Calcium	0.71 mmol/L		
- Total Bilirubin	<2 mg/dl		
- Glucose	117 mg/dl		
- Hemoglobin	8.8 g/dl		
- Lactate	0.89 mmol/L		

Report Prepared By DR.SAPNA P PATEL at 20-Nov-2024 12:21 PM  
Electronically Signed by DR.SAPNA P PATEL at 20-Nov-2024 01:36 PM

---End Of Report---



**Laboratory Services**  
**Sir Takhtasinhji General Hospital, Bhavnagar**  
**Email-ID : LSSTH249@GMAIL.COM**



Patient :- Kantaben-(F/80 Yrs)  
Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
Source :- FM 10

**Biochemistry** - 2111241058@BIOCHEMISTRY LAB dated 21-Nov-2024 07:28 AM

Parameter	Result	Biol.Ref.Range	Method
<b>Sample Parameters</b>			
• Sample Receipt DateTime : 21-11-2024 07:28			
• Sample Material. : SERUM			
- S. Sodium (NA);	<b>133.00</b> mEq/L	<b>L</b> (136 - 145 mEq/L)	(ISE-Direct)
- S. Potassium (K);	<b>3.40</b> mEq/L	<b>L</b> (3.5 - 5.1 mEq/L)	(ISE-Direct)
- Chloride	<b>121.00</b> mmol/L	<b>H</b> (98 - 107 mmol/L)	
- S. Creatinine (Crea);	0.79 mg/dL	(0.57 - 1.11 mg/dL)	(Kinetic Alkaline Picrate)

Electronically Signed by DR.KG GOPALAKRISHNAN at 21-Nov-2024 09:29 AM

---End Of Report---



# Laboratory Services

Sir Takhtasinhji General Hospital, Bhavnagar  
Email-ID : LSSTH249@GMAIL.COM

Patient :- Kantaben-(F/80 Yrs)  
Patient ID :- 24/00347096

Referred by Unit :- Medicine Unit-1  
Source :- FM 10

**Biochemistry** - 2111241112@BIOCHEMISTRY LAB dated 21-Nov-2024 08:43 AM

Parameter	Result	Biol.Ref.Range	Method
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**Sample Parameters**

- Sample Receipt DateTime : 21-11-2024 08:43
- Sample Material. : SERUM

- Urine Sodium	83.00 mEq/L	40 - 350	
- Urine Potasium	23.90 mEq/L	650 - 1500	
- Urine Glucose	1.00 mg/dl		
- Urine Urea	165.00 mg/dL	60 - 280	
- Urine Osmolarity	241.36		
- 24 Hr Urinary Protein	187.20		

URINE OSMOLARITY Remarks: 24 hr. Urinary Sodium: 99.6 mEq/day, 24 hr. Urinary Potassium: 28.68 mEq/day, 24 hr. Urinary Urea: 1980 mg/day, 24 hr. Urinary glucose: 12 mg/day, 24 hr. Urinary Creatinine: 165.48 mg/day, Urinary pH:

7.04  
Report Prepared By DR.KG GOPALAKRISHNAN at 21-Nov-2024 11:12 AM  
Electronically Signed by DR.KG GOPALAKRISHNAN at 21-Nov-2024 11:12 AM

---End Of Report---