





PID NO.	: CIA2060	Reference :	Reg. Date
		Sample Collected At :	28-Sep-2024 / 9:57 am
Name	: SHUBHANGI PARAG SONTAKKE	Sea Bird Medicare	Coll Date
a (1		105-107 Gateway Plaza,Central Avenue,Hiranandani	
Sex / Age	: Female / 37 Years	Gardens,Powai,Mumbai-400076	28-Sep-2024 /10:02 am
		Processing Location: - Sea Bird Medicare	
Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza, Central Avenue, Hiranandani	Report Date
5	LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:58 pm

	BLOOD GLUCOSE					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL			
Blood Glucose (Fasting), plasma (Plasma,Method- Hexokinase) Interpretation: NORMAL : 70 - 100 mg/dl Pre-Diabetic : 100 - 125 mg/dl Diabetic : >125 mg/dl (ON MORE THAN ONE OCCASION) Reference : American diabetes association	86.66	mg/dl	70.00 - 100.00 mg/dl			
Urine Glucose (Fasting)	Absent		Absent			
Urine Ketones (Fasting)	Absent		Absent			
Blood Glucose (PP) plasma (Plasma,Method- Hexokinase) Interpretation: Non-Diabetic : 70 - 140 mg/dl Pre-Diabetic : 140 - 199 mg/dl Diabetic : >200 mg/dl (ON MORE THAN ONE OCCASION) Reference : American diabetes association	103.89 a guidelines 2022	mg/dl	70.00 - 140.00			
Urine Glucose (PP)	Absent		Absent			
Urine Ketones (PP)	Absent		Absent			
Test Dans on Fully Automated Missa CVI						

Test Done on Fully Automated Mispa CXL PRO PLUS Biochemistry Analyser.

Molly R Lab Technician

DR.RITESH KHARCHE MBBS, MD PATHOLOGY Pathologist MMC Reg No.2006031680

Kochi: 0484- 2322022 / 4032022

Page 1 of 15



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BLOOD GLUCOSE				
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	

----- End of Report ------



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Page 2 of 15



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Powai: 022-25701053 / 25704157

Kochi: 0484- 2322022 / 4032022







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Sex / Age	: Female / 37 Years	Gardens,Powai,Mumbai-400076	28-Sep-2024 /10:02 am
		Processing Location: - Sea Bird Medicare	
Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza, Central Avenue, Hiranandani	Report Date
·	LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:58 pm

Blood Group					
Test	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL		
BLOOD GROUP					
ABO Group	"O"				
RH (D)	Positive				
Method : Cell (Forward) grouping Sample: Whole Blood (EDTA)	by Manual Slide Method.				

----- End of Report ------

PRIYA PANDEY Lab Technician

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DR.RITESH KHARCHE MBBS, MD PATHOLOGY Pathologist MMC Reg No.2006031680

Kochi: 0484- 2322022 / 4032022

Page 3 of 15



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Name	: SHUBHANGI PARAG SONTAKKE	Sea Bird Medicare	Coll Date
Con / Art	Econole / 27 Vecono	105-107 Gateway Plaza, Central Avenue, Hiranandani	28-Sep-2024 /10:02 am
Sex / Age	e : Female / 37 Years	Gardens,Powai,Mumbai-400076	20-5ep-2024 / 10.02 am
Ref By	: APOLLO HEALTH AND LIFESTYLE LIMITED	Processing Location: - Sea Bird Medicare 105-107 Gateway Plaza,Central Avenue,Hiranandani Gardens,Powai,Mumbai-400076	Report Date 28-Sep-2024 / 2:58 pm

	Comp	plete Blood Count	
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL
Hemoglobin	13.1	gm/dl	12.0 - 15
RED BLOOD CELLS			
R.B.C. Count	4.36	million / cumm	3.8- 4.8
НСТ	39.5	%	35-48
MCV	90.6	fL	83 - 101
МСН	30.1	pg	27 - 32
МСНС	33.2	gm / dl	31.5 - 34.5
RDW (CV)	14.2	%	11.6- 14.0
Total W.B.C. Count	8480	/cu.mm.	4000-10000
DIFFERENTIAL COUNT			
Neutrophils	61	%	40 - 80
Lymphocytes	33	%	20 - 40
Eosinophils	04	%	1 - 6



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Kochi: 0484- 2322022 / 4032022

Page 4 of 15



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Complete Blood Count				
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	
Monocytes	02	%	2 - 10	
Basophils	00	%	0 - 1	
Platelet Count	356000	/cumm	150000 - 410000	
MORPHOLOGY				
RBC Morphology	Predominantly Normocytic and Normochromic.		hromic.	
WBC Morphology	Normal Morphology.			
Platelets on Smear	Adequate on smear			

(EDTA Whole Blood - Tests done Automated Three part cell counter (RBC, WBC, Platelets count by impedance, Haemoglobin by colorimetric Cyanmeth free method. Rest are calculated parameters. Microscopy and DLC is done manually by the Pathologist.)

----- End of Report ------



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Page 5 of 15



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Erythrocyte Sedimentation Rate (ESR)				
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	
E.S.R	05	mm at 1hr	0 - 20	

Method: Westergren. Sample: Whole Blood (EDTA)

----- End of Report ------

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Page 6 of 15



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Sou / Are	· Female / 27 Vears	105-107 Gateway Plaza,Central Avenue,Hiranandani	28-Sep-2024 /10:02 am
Sex / Age	: Female / 37 Years	Gardens,Powai,Mumbai-400076	26-Sep-2024 / 10.02 am
D (D		Processing Location: - Sea Bird Medicare 105-107 Gateway Plaza,Central Avenue,Hiranandani	Report Date
Ref By		-	1
	LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:58 pm

Glycosylated Haemoglobin (HbA1c)					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL		
HbA1c Pre-Diabetic : 5.7 - 6.4 % Diabetic : > = 6.5 (EDTA Whole Blood, Turbidimetric)	5.78	%	4 - 5.69		
Mean Blood Glucose (MBG)	128.47	mg/dl			

Interpretation & Remark:

1. HbA1c is used for mointoring diabetic control. It reflects the estimated average glucose (eAG).

2. HbA1c has been endorsed by clinical groups & ADA (American Diabetes Association guideline 2022, for diagnosis of diabetes using a cut-off points of 6.5 %.

3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.

4. Low glycated haemoglobin (below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic

anaemia (especially severe iron deficiency & haemolytic), chronic renal failure and liver diseases. Clinical correlation sugested.

5. To estimate the eAG from the HbA1C value, the following equation is used : eAg(mg/dl)=28.7*A1c-46.7.

6. Interference of Haemoglobinopathies in HbA1c estimation.

A. For HbF> 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.

B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status.

C. Heterozygous state detected.

7. In known diabetic patients, following values can be considered as a guide for monitoring the glycemic control.

Excellent Control - 6 to 7 %

Fair to Good Control - 7 to 8 %

Unsatisfactory Control - 8 to 10 %

and Poor Control - More than 10 %

8. Test done on Mispa i3 Automated Cartridge Based Specific Protein Analyser.

----- End of Report ------



LATHA SONAWANE

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Page 7 of 15



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Reg. Date	
28-Sep-2024 / 9:57 am	
Coll Date	

	: SHUBHANGI PARAG SONTAKKE	Sample Collected At :	28-Sep-2024 / 9:57 am
Name		Sea Bird Medicare	Coll Date
~ / .	· Fomale / 27 Veans	105-107 Gateway Plaza,Central Avenue,Hiranandani	
Sex / Age		Gardens,Powai,Mumbai-400076	28-Sep-2024 /10:02 am
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Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza, Central Avenue, Hiranandani	Report Date
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	LIPID PROFILE					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL			
Total Cholesterol Serum, Method: CHOD-PAP	215.4	mg/dl	CHILD Desirable - Less than : 170 CHILD Borderline High : 170 - 199 CHILD High - More than : 200 ADULT Desirable - Less than : 200 ADULT Borderline High : 200 - 239 ADULT High - More than : 240			
Triglycerides Serum, Method: GPO-PAP	153.94	mg/dl	NORMAL : <150 Borderline High : 150 - 199 High : 200 - 499 Very High : >500			
HDL Cholesterol-Direct Serum, Method: Cholesterol-esterase-Direct	44.85	mg/dl	Desirable - Above : 60 Borderline Risk : 40 - 59 Undesirable - Below : 40			
LDL Cholesterol Calculated	140.44	mg/dl	Desirable - Below : 130 Borderline Risk : 130 - 159 Undesirable - Above : 160			
VLDL-Cholesterol Calculated	30.11	mg/dl	5 - 51			
T.CHOL/HDLC Ratio	3.96		Acceptable for Male : < 5.00 Acceptable for Female : <4.50			



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Page 8 of 15



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Name	: SHUBHANGI PARAG SONTAKKE	Sea Bird Medicare	Coll Date
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Sex / Age : Female / 37 Yea	: Female / 37 Years	Gardens,Powai,Mumbai-400076	28-Sep-2024 /10:02 am
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Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza,Central Avenue,Hiranandani	Report Date
	LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:58 pm

	L	IPID PROFILE	
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL
LDLC/HDLC Ratio	2.38		Acceptable for Males : < 3.60 Acceptable for Females : < 3.20

NOTE:

1) Biological Reference Intervals are as per ATP III, NCEP Guidelines and National Lipid Association (NLA) 2014 Recommendations.

2) Tests done on Fully Automated Mispa CXL PRO PLUS Biochemistry Analyser.

3) The LDL-Cholesterol is calculated by the Friedewald equation which provides a reliable LDL-Cholesterol value estimate when triglyceride levels are below 400 mg/dL. A direct measurement is advised if the triglyceride levels are >400mg/dL.

----- End of Report ------



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Kochi: 0484- 2322022 / 4032022

Page 9 of 15



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C (A.	F 1 / 07 V	105-107 Gateway Plaza, Central Avenue, Hiranandani	
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LIVER FUNCTION TEST					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL		
S.G.O.T. (Serum ,Method-IFCC / UV without P5P)	16.68	U/L	0 - 32		
Sr. Alkaline Phosphatase (Serum, Kinetic Method by IFCC)	46	U/L	35 - 104		
S.G.P.T. (Serum,Method- IFCC / UV without P5P)	22.68	U/L	0 - 33		
GGT (Serum ,Method- IFCC Method)	18.26	U/L	5 - 36		
Bilirubin (Total) (Serum ,Method-Diazo- End point)	0.33	mg/dl	0.0 - 1.20		
Bilirubin (Direct) (Serum,Method-Diazo-End point)	0.12	mg/dl	0.0 - 0.40		
Bilirubin (Indirect) Calculated	0.21	mg/dl	0.0 - 0.90		
Total Proteins (serum,Method-Biuret)	7.03	g/dl	6.6 - 8.7		
Albumin (Serum,Method-Bromocresol Green)	3.97	g/dl	3.5 - 5.2		
Globulin Calculated	3.06	g/dl	1.90 - 3.70		
A/G ratio Calculated	1.30				

Test Done on Fully Automated Mispa CXL PRO PLUS Biochemistry Analyser.



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Kochi: 0484- 2322022 / 4032022

Page 10 of 15



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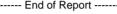
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LIVER FUNCTION TEST					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL		

----- End of Report ------









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Kochi: 0484- 2322022 / 4032022

Page 11 of 15



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Sex / Age	: Female / 37 Years	Gardens,Powai,Mumbai-400076	28-Sep-2024 /10:02 am	
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Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza, Central Avenue, Hiranandani	Report Date	
·	LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:59 pm	

RENAL PROFILE					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL		
Blood Urea Serum, Method-Urease	17.97	mg/dl	16.6 - 48.5 mg/dl		
Blood Urea Nitrogen Serum, Method-Urease	8.39	mg/dl	06 - 20 mg/dl		
Creatinine Serum, Method-Kinetic Jaffes	0.5	mg/dL	0.5 - 0.95 mg/dl		
Uric Acid Serum, Method: Uricase-POD	4.44	mg/dl	2.4 - 5.7		

Test Done on Fully Automated Mispa CXL PRO PLUS Biochemistry Analyser.

----- End of Report ------



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Kochi: 0484- 2322022 / 4032022

Page 12 of 15



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Sex	C (A.	· Fomale / 27 Vears	105-107 Gateway Plaza, Central Avenue, Hiranandani	
	Sex / Age		Gardens,Powai,Mumbai-400076	
	Ref By	: APOLLO HEALTH AND LIFESTYLE LIMITED	Processing Location: - Sea Bird Medicare 105-107 Gateway Plaza,Central Avenue,Hiranandani Gardens,Powai,Mumbai-400076	Report Date 30-Sep-2024 / 9:46 am

THYROID FUNCTION TEST				
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	
TSH	9.83	µIU/mI	0.25-5 μIU/ml	
Т3	1.72	nmol/l	0.92-2.33 nmol/l	
Τ4	114.71	nmol/l	60-120 nmol/l	

The assay principle combines an enzyme immunoassay competition method with a final fluorescent detection (ELFA).

INTERPRETATION

TSH : A high TSH result often means an under active thyroid gland that is not responding adequately to the stimulation of TSH due to some type of acute or

chronic thyroid dysfunction. A high TSH value can also occur when someone with a known thyroid disorder or who has had their thyroid gland removed is

receiving too little thyroid hormone medication. A low TSH result can indicate an over active thyroid gland (hyperthyroidism) or excessive amounts of thyroid

hormone medication in those who are being treated for an under active (or removed) thyroid gland. An abnormal TSH test result is usually followed by

additional testing to investigate the cause of the increase or decrease.

T3: Triiodothyronine T3 contributes significantly to the maintenance of the euthyroid state, and the total T3 concentration has a role in screening for thyroid disease

in conjunction with other tests. T3 alone cannot diagnose hypothyroidism, but it may be more sensitive than thyroxine (T4) for hyperthyroidism.

T4 :Thyroxine accounts for at least 90% of circulating protein-bound iodine. While >99.9% of T4 is protein-bound, primarily to thyfoKine-binding globulin(TBG), it

is the free fraction that is biologically active. In most patients the total T4 level is a good indicator of thyroid status, however it can sometimes be inadequate, and

diagnostic efficiency may be improved by use of a total T4 test in conjunction with other tests.



----- End of Report -----

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Kochi: 0484- 2322022 / 4032022

Page 13 of 15



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Re		: APOLLO HEALTH AND LIFESTYLE	Processing Location: - Sea Bird Medicare	Report Date
	Ref By		105-107 Gateway Plaza,Central Avenue,Hiranandani	
			Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:59 pm

URINE ANALYSIS					
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	_	
PHYSICAL EXAMINATION					
Colour	Pale Yellow		Pale Yellow		
Quantity	30 ml	ml	20 - 50		
Appearance	Clear		Clear		
Reaction (pH)	6.0		5.0 - 9.0		
Specific Gravity	1.010		1.000 - 1.030		
CHEMICAL EXAMINATION					
Proteins	Absent		Absent		
Sugar	Absent		Absent		
Ketone Bodies	Absent		Absent		
Bilirubin	Absent		Absent		
Nitrite	Absent		Absent		
Urobilinogen	Normal	mg/dl	Normal (0.1 - 1.0 mg/dl)		



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Page 14 of 15



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HO- Sea Bird Medicare Centre (ISO 9001:2015): A-101-102, Heritage Plaza, Teli Cross Lane, Andheri East (Nr. Station), Mumbai- 69. Tel: 022- 46032704







	PID NO.	: CIA2060	Reference :	Reg. Date
			Sample Collected At :	28-Sep-2024 / 9:57 am
	Name	: SHUBHANGI PARAG SONTAKKE	Sea Bird Medicare	Coll Date
Sex / A	Sov / Ago	: Female / 37 Years	105-107 Gateway Plaza,Central Avenue,Hiranandani	28-Sep-2024 /10:02 am
	Sex / Age		Gardens,Powai,Mumbai-400076	
			Processing Location: - Sea Bird Medicare	Report Date
	Ref By	: APOLLO HEALTH AND LIFESTYLE	105-107 Gateway Plaza,Central Avenue,Hiranandani	Report Date
		LIMITED	Gardens,Powai,Mumbai-400076	28-Sep-2024 / 2:59 pm

URINE ANALYSIS				
<u>Test</u>	<u>Result</u>	<u>Units</u>	BIOLOGICAL REFERENCE INTERVAL	
Ocult Blood	Absent		Absent	
MICROSCOPIC EXAMINATION				
Pus Cells	1 - 2 / hpf		2 - 3 / hpf	
Red Blood Cells	Absent		Absent	
Epithelial cells	1 - 2 / hpf		2 - 5 / hpf	
Casts	Absent		Absent	
Crystals	Absent		Absent	
Other Findings	Absent			

METHOD:

Physical Examination : Visual Strip Method.

Chemical Examination : Bilirubin(Azo-coupling), Blood(Peroxidase), Glucose(Specific glucose-oxidase/peroxidase reaction), Ketone(Rothera's test), Leukocytes(Reflectance Photometer(Leucocyte esterase)), Nitrite(Diazotization), pH(Double Indicator), Protein(Protein Error of Indicators), Specific Gravity(Refractometric method), Urobilinogen(Ehrlich). Microscopy Examination : Automation/Manual Microscopy.

----- End of Report ------

LATHA SONAWANE

Lab Technician

DR.RITESH KHARCHE MBBS, MD PATHOLOGY Pathologist MMC Reg No.2006031680

Kochi: 0484- 2322022 / 4032022

Page 15 of 15



This is computer generated medical diagnostics report that has been validated by an Authorized Medical Practitioner/Doctor. The report does not need physical signature. Results relate only to the sample as received. Refer to conditions of reporting overleaf.

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