



Shalby Hospital (A Unit of Shalby Limited) Near Navyug College, Rander Road, Adajan, Surat, Gujarat, India.

Tel.: 0261 7190000 | Ext.: 851 | Mo.: 9512036046 | Email: pathology.surat@shalby.in | Web: www.shalby.org

PID : SUR0000371387 OP-001

REPORT STATUS : Interim


Patient Name : Mrs. Dipti Vinodbhai Chaudhary /	Registered On : 14-Sep-2024 11:57 AM
Lab ID : 409901138	Collected On : 14-Sep-2024 11:58 AM
Gender/Age : Female / 33 Years	DOB : 05-Jul-1991
Received On : 14-Sep-2024 12:01 PM	Sample Type : EDTA Whole Blood
Ref. By : Health Check Up Shalby	

Parameter	Result	Unit	Biological Ref. Interval
BLOOD GROUP			
(Tube agglutination: Forward & reverse)			
ABO Type	"O"		
RH Type	POSITIVE		

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Dr Pankaj Agrawal

 M.B., D.C.P
 Consulting Pathologist



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Parameter	Result	Unit	Biological Ref. Interval
ESR 1st hour <i>Modified Westergren Method</i>	1	mm in 1 hour	0 - 20
HBA1C HbA1c - Glycated Haemoglobin <i>Boronate Affinity Assay</i>	5.6	%	Non-diabetic: <= 5.6 Pre-diabetic: 5.7-6.4 Diabetic: >= 6.5 Therapeutic goals for glycemc control Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5
Estimated Average Glucose (eAG) (mg/dL) <i>Calculated</i>	114	mg/dL	

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 Ref. By : Health Check Up Shalby Sample Type : Fluoride F, Urine (PP),
 Fluoride PP, Urine (F),S

Parameter	Result	Unit	Biological Ref. Interval
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PLASMA GLUCOSE LEVEL**FASTING PLASMA GLUCOSE**

Plasma Glucose (F)	88	mg/dL	74 - 106
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GOD/POD (Glucose Oxidase/Peroxidase), Colorimetric

Urine Sugar (F)	ABSENT	mg/dL	Absent
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Glucose-oxidase/oxidase reaction

POST PRANDIAL PLASMA GLUCOSE

Plasma Glucose (PP)	128	mg/dL	Normal: 100-140 Impaired: 140-199 Diabetic :=>200
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GOD/POD (Glucose Oxidase/Peroxidase), Colorimetric

Urine Sugar (PP)	ABSENT	mg/dL	Absent
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Glucose-oxidase/oxidase reaction

Liver Function Test**Liver Function Test**

SGPT (ALTV)	23	U/L	9 - 52
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Multi Point Rate with P-5-P

SGOT (AST)	24	U/L	14 - 36
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Multi Point Rate with P-5-P

Alkaline Phosphatase	65	U/L	20-50 yrs.: 42 - 98 4-19 yr : 54 - 369 >=51 yr : 56 - 119 ;
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PNPP, AMP Buffer

GGT	15	U/L	12 - 43
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L-gamma-glutamyl-4-nitroanalide/glycylglycine Kinetic

S. PROTEIN	7.8	g/dL	6.3 - 8.2
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Biuret (Alkaline cupric sulfate), End Point

Albumin	4.7	g/dL	3.5 - 5.0
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Bromocresol Green (BCG), Colorimetric

S. GLOBULIN	3.1	g/dL	2.3 - 3.6
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Calculated

A/G Ratio	1.5	Ratio	1.0 - 2.3
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Calculated

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Lab ID : 409901138

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Gender/Age : Female / 33 Years

DOB : 05-Jul-1991

Received On : 14-Sep-2024 12:01 PM

Ref. By : Health Check Up Shalby

Sample Type : Fluoride F, Urine (PP),
Fluoride PP, Urine (F),S**Liver Function Test****Bilirubin Total**

0.5 mg/dL

Azobilirubin/Dyphylline/Diazonium Salt

0-1 day (premature) 1.0 - 8.0
0-1 day (full term) : 2.0 - 6.0
1-2 day (premature) : 6.0 - 12.0
1-2 day (full term) : 6.0 - 10.0
3-5 day (premature) : 10.0 - 14.0
3-5 day (full term) : 4.0 - 8.0**Bilirubin Unconjugated**

0.5 mg/dL

End-point Colorimetric (Dual wavelength spectrophotometric)

Adult : 0.2 - 1.3

Unconjugated bilirubin
Adults: 0.0-1.1
Neonates: 0.6-10.5**Bilirubin Direct**

0.0 mg/dL

Calculated

Conjugated bilirubin and
Delta bilirubin (Bilirubin
covalently bound to albumin)
0.0-0.4

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 Gender/Age : Female / 33 Years DOB : 05-Jul-1991 Received On : 14-Sep-2024 12:01 PM
 Ref. By : Health Check Up Shalby Sample Type : Serum

Parameter	Result	Unit	Biological Ref. Interval
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LIPID PROFILE

LIPID PROFILE

Cholesterol <i>Cholesterol Esterase, Oxidase, Peroxidase</i>	288	mg/dL	Desirable: <200 Borderline High: 200 - 239 High >=240
SERUM TRIGLYCERIDE <i>Lipase/GK/GPO/POD</i>	164	mg/dL	Normal : <150 Borderline High : 150-199 High : 200-499 Very High : > 500
HDL CHOLESTEROL DIRECT <i>Phosphotungstic Acid/Mgcl2 - Enzymatic</i>	65	mg/dL	Major risk factor for heart disease : < 40 Negative risk factor for heart disease : >= 60
Non HDL Cholesterol <i>Calculated</i>	223	mg/dL	Optimal : <130 Desirable : 130-159 Borderline high : 159-189 High : 189-220 Very High : >=220
LDL Cholesterol <i>Calculated</i>	190	mg/dL	Optimal: <100 Near to above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > 190
VLDL <i>Calculated</i>	33	mg/dL	6 - 38
LDL/dHDL <i>Calculated</i>	2.9		2.5 - 3.5
Chol/dHDL <i>Calculated</i>	4.4	Ratio	3.5 - 5.0

Note: Reference interval as per National Cholesterol Education Programme (NCEP) Adult Treatment Panel III Report. VLDL, CHOL/dHDL RATIO, LDL/dHDL RATIO, LDL Cholesterol, Non HDL Cholesterol are calculated parameters. Estimation of LDL by direct method is recommended when TG>400 mg/dL.

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 Gender/Age : Female / 33 Years DOB : 05-Jul-1991 Received On : 14-Sep-2024 12:01 PM
 Ref. By : Health Check Up Shalby Sample Type : Serum

Parameter	Result	Unit	Biological Ref. Interval
THYROID PROFILE (TFT)			
Total T3 <i>Chemiluminescence immunoassay (CLIA)</i>	126	ng/dL	87 - 178
Total T4 <i>Chemiluminescence immunoassay (CLIA)</i>	12.64	µg/dL	99% Reference Interval (µg/dL) 4.82 - 15.65
TSH <i>Chemiluminescence immunoassay (CLIA)</i>	2.900	µIU/mL	Non Pregnant Females: 0.38-5.33 µIU/mL Pregnant Females (1st trimester): 0.05-3.70 µIU/mL Pregnant Females (2nd trimester): 0.31-4.35 µIU/mL Pregnant Females (3rd trimester): 0.41-5.18 µIU/mL

TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% .hence time of the day has influence on the measured serum TSH concentrations.

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

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Certificate No. : MC-5200



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Parameter	Result	Unit	Biological Ref. Interval
RENAL FUNCTION TEST			
NABL Accredited Parameters			
Urea Nitrogen (BUN) <i>Urease, colorimetric</i>	10	mg/dL	7 - 17
UREA <i>Calculated</i>	21	mg/dL	15 - 36
Creatinine <i>Enzymatic - Creatinine amidohydrolase</i>	0.66	mg/dL	0.52 - 1.04
S. URIC ACID <i>Uricase/Peroxidase, Colorimetric</i>	5.7	mg/dL	2.5 - 6.2
Calcium <i>Arsenazo III dye</i>	10.3	mg/dL	8.4 - 10.2
Sodium <i>Direct Ion Selective Electrode</i>	142	mmol/L	137 - 145
S. POTASSIUM <i>Direct Ion Selective Electrode</i>	4.5	mmol/L	3.5 - 5.1
Chloride	106	mmol/L	98 - 107

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BIOCHEMISTRY

Phosphorus (Not in NABL Scope)	4.2	mg/dL	2.5 - 4.5
<i>Phosphomolybdate reduction (PMA Phenol)</i>			

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 Lab ID : 409901138 Collected On : 14-Sep-2024 11:55 AM
 Gender/Age : Female / 33 Years DOB : 05-Jul-1991 Received On : 14-Sep-2024 12:01 PM
 Ref. By : Health Check Up Shalby Sample Type : Urine

URINE EXAMINATION

Parameter	Result	Unit	Biological Ref. Interval
Physical Examination			
Colour	Pale Yellow		Pale yellow
Transparency	Clear		Clear
Chemical Examination			
Glucose	<i>Glucose-oxidase/peroxidase reaction</i> Negative		Negative
Bilirubin	<i>Azo coupling Reaction with diazonium</i> Negative		Negative
Ketone	<i>Sodium Nitroprusside reation</i> Negative		Negative
Specific Gravity	<i>Refractometric Method - Bromthymol blue</i> 1.005	S.G. value	1.001 - 1.035
Blood	<i>Peroxidase like activity of hemoglobin</i> Negative		Negative
pH	<i>Double Indicator principle</i> 5.5	PH value	4.6 - 8.0
Protein	<i>Protein Error of Indicator Principle</i> Negative		Negative
Urobilinogen	<i>Modified Ehrlich reaction</i> 0.2	EU/dL	Upto 1.0 mg/dL (EU/dL)
Nitrite	<i>Diazotization reaction of nitrite with an aromatic amine</i> Negative		Negative
Leucocyte	<i>Leucocyte Esterase Test</i> Present (++)		Negative
Microscopic Examination			
Pus cells	40-50/hpf	/hpf	0-5/hpf
Red blood cells	Nil	/hpf	NIL/hpf
Epithelial cells	15-20/hpf	/hpf	NA
Crystals	Nil		Nil
Cast	Nil		Nil
Bacteria	Nil		Nil
Amorphous	Nil		Nil
Yeast	Nil		Nil
Others	Nil		Nil

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