

Name	: Mrs. ARCHANA SINGH	Collected	: 20/9/2020 11:00:00AM
Lab No.	: 290760950	Received	: 20/9/2020 1:05:42PM
Age:	40 Years	Reported	: 21/9/2020 1:40:47PM
Gender:	Female	Report Status	: Final
A/c Status	: P	Ref By	: AIIMS

Test Name	Results	Units	Bio. Ref. Interval
LIVER PANEL 1; LFT, SERUM (Spectrophotometry)			
AST (SGOT)	22	U/L	<35
ALT (SGPT)	17	U/L	<35
GGTP	12	U/L	<38
Alkaline Phosphatase (ALP)	62	U/L	30 - 120
Bilirubin Total	0.76	mg/dL	0.30 - 1.20
Bilirubin Direct	0.13	mg/dL	<0.30
Bilirubin Indirect	0.62	mg/dL	<1.10
Protein Total	6.67	g/dL	6.40 - 8.30
Albumin	4.05	g/dL	3.50 - 5.20
Globulins, Total	2.62	g/dL	2.50 - 5.50
A : G Ratio	1.55		0.90 - 2.00

KIDNEY PANEL; KFT, SERUM (Spectrophotometry, Indirect ISE)			
Urea	46.50	mg/dL	17.00 - 43.00
Urea Nitrogen Blood	21.72	mg/dL	6.00 - 20.00
Creatinine	2.58	mg/dL	0.51 - 0.95
Result Rechecked, Please Correlate Clinically.			



S32 - Walk in Mainlab
Paliwal Diagnostic Pvt Ltd, 117/H-1/02 Pandu
Nagar Kanpur- 0512-2335500,2235821
KANPUR

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Test Name	Results	Units	Bio. Ref. Interval
Uric Acid	4.35	mg/dL	2.60 - 6.00
Alkaline Phosphatase (ALP)	62	U/L	30 - 120
Protein Total	6.67	g/dL	6.40 - 8.30
Albumin	4.05	g/dL	3.50 - 5.20
Globulins, Total	2.62	g/dL	2.50 - 5.50
A : G Ratio	1.55		0.90 - 2.00
Calcium, Total	8.80	mg/dL	8.80 - 10.60
Phosphorus	3.41	mg/dL	2.40 - 4.40
Sodium	139.23	mEq/L	136.00 - 146.00
Potassium	3.95	mEq/L	3.50 - 5.10



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Test Name	Results	Units	Bio. Ref. Interval
HEMOGRAM (VCS, Electrical Impedence Capillary Photometry)			
Hemoglobin	10.90	g/dL	11.50 - 15.00
Packed Cell Volume (PCV)	35.00	%	36.00 - 46.00
RBC Count	3.61	mill/mm3	3.80 - 4.80
MCV	97.00	fL	80.00 - 100.00
MCH	30.20	pg	27.00 - 32.00
MCHC	31.10	g/dL	32.00 - 35.00
Red Cell Distribution Width (RDW)	13.60	%	11.50 - 14.50
Total Leukocyte Count (TLC)	4.22	thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils	68.20	%	40.00 - 80.00
Lymphocytes	24.20	%	20.00 - 40.00
Monocytes	3.10	%	2.00 - 10.00
Eosinophils	4.50	%	1.00 - 6.00
Basophils	0.00	%	<2.00
Absolute Leucocyte Count			
Neutrophils	2.88	thou/mm3	2.00 - 7.00
Lymphocytes	1.02	thou/mm3	1.00 - 3.00
Monocytes	0.13	thou/mm3	0.20 - 1.00
Eosinophils	0.19	thou/mm3	0.02 - 0.50
Basophils	0.00	thou/mm3	0.01 - 0.10
Platelet Count	156.0	thou/mm3	150.00 - 450.00



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Test Name	Results	Units	Bio. Ref. Interval
ESR	18	mm/hr	0.00 - 20.00

Note

1. As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
2. Test conducted on EDTA whole blood



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Test Name	Results	Units	Bio. Ref. Interval
BICARBONATE, SERUM @ (Enzymatic Endpoint)	19.70	mEq/L	22.00 - 29.00

Comments

Bicarbonate is the second largest fraction of anions in the plasma. At the physiological pH of blood, the concentration of carbonate is 1/1000 that of bicarbonate. This test is a significant indicator of electrolyte dispersion and anion deficit. An abnormal bicarbonate means a metabolic rather than a respiratory problem.

Increased Levels

- Acute Metabolic alkalosis
- Chronic Metabolic alkalosis

Decreased Levels

- Acute Metabolic acidosis
- Compensated Metabolic acidosis

THYROID PROFILE, FREE, SERUM (Chemiluminescent Immunoassay)			
T3, Free; FT3	2.40	pg/mL	2.30 - 4.20
T4, Free; FT4	1.54	ng/dL	0.89 - 1.76
TSH, Ultrasensitive	0.524	µIU/mL	0.550 - 4.780

Reference Ranges for pregnancy

PREGNANCY	REFERENCE RANGE for TSH in uIU/mL (As per American Thyroid Association)	REFERENCE RANGE for FT3 in pg/mL	REFERENCE RANGE for FT4 in ng/dL
1st Trimester	0.100 - 2.500	2.11-3.83	0.70 -2.00
2st Trimester	0.200 - 3.000	1.96-3.38	0.50 -1.60
3st Trimester	0.300 - 3.000	1.96-3.38	0.50 -1.60

Note

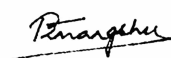



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1.	TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%. hence time of the day has influence on the measured serum TSH concentrations.		
2.	TSH Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals		

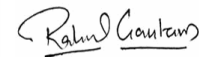
Clinical Use


- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood


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-----End of report -----



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IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory.
*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.
(#) Sample drawn from outside source.

