

REPORT

Name	: Mr. MAHESWAR RAO	Sample ID	: A0012563
Age/Gender	: 35 Years/Male	Reg. No	: 0312312290042
Referred by	: Dr. K ANJANEYULU	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 29-Dec-2023 06:49 AM
Primary Sample	: Whole Blood	Received On	: 29-Dec-2023 09:41 PM
Sample Tested In	: Serum	Reported On	: 29-Dec-2023 10:28 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Liver Function Test (LFT)				
Bilirubin(Total)	0.9	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.2	mg/dL	0.0 - 0.5	Diazo
Bilirubin (Indirect)	0.7	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	23	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	20	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	49	U/L	40-150	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	29	U/L	15-85	IFCC
Protein - Total	7.4	g/dL	6.4-8.2	Biuret
Albumin	4.4	g/dL	3.4-5.0	Bromocresol purple (BCP)
Globulin	3	g/dL	2.0-4.2	Calculated
A:G Ratio	1.47	%	0.8-2.0	Calculated
SGOT/SGPT Ratio	1.15			

- **Alanine Aminotransferase(ALT)** is an enzyme found in liver and kidneys cells. ALT helps create energy for liver cells. Damaged liver cells release ALT into the bloodstream, which can elevate ALT levels in the blood.
- **Aspartate Aminotransferase (AST)** is an enzyme in the liver and muscles that helps metabolizes amino acids. Similarly to ALT, elevated AST levels may be a sign of liver damage or liver disease.
- **Alkaline phosphate (ALP)** is an enzyme present in the blood. ALP contributes to numerous vital bodily functions, such as supplying nutrients to the liver, promoting bone growth, and metabolizing fat in the intestines.
- **Gamma-glutamyl Transpeptidase (GGTP)** is an enzyme that occurs primarily in the liver, but it is also present in the kidneys, pancreas, gallbladder, and spleen. Higher than normal concentrations of GGTP in the blood may indicate alcohol-related liver damage. Elevated GGTP levels can also increase the risk of developing certain types of cancer.
- **Bilirubin** is a waste product that forms when the liver breaks down red blood cells. Bilirubin exits the body as bile in stool. High levels of bilirubin can cause jaundice - a condition in which the skin and whites of the eyes turn yellow- and may indicate liver damage.
- **Albumin** is a protein that the liver produces. The liver releases albumin into the bloodstream, where it helps fight infections and transport vitamins, hormones, and enzymes throughout the body. Liver damage can cause abnormally low albumin levels.

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Anti Cyclic Citrullinated Peptide (CCP) Antibodies	1.47	U/ml	Negative: < 18 Weak Positive: 18-24 Positive : 25-75 Strong Positive: > 75	immunoturbidimetry

Result interpretation:-

- Positive Anti-CCP test + positive RF test indicates that have rheumatoid arthritis.
- Positive Anti-CCP test + negative RF test indicates the early stage of rheumatoid arthritis.
- Negative Anti-CCP test + negative RF test indicates that you don't have rheumatoid arthritis, your symptoms are due to some other type of arthritis.

Comments

Anti CCP antibodies are useful for evaluating patients suspected of Rheumatoid arthritis. Positive results occur in 60-80% of Rheumatoid arthritis patients depending on disease severity. The positive predictive value of Anti CCP antibodies for Rheumatoid arthritis is far greater than Rheumatoid factor. False positive results are uncommon. Upto 30% patients with sero negative Rheumatoid arthritis also show Anti CCP antibodies.

Clinical Uses ·

- For diagnosis of early Rheumatoid arthritis - Anti CCP antibodies are detected in approximately 50-60% patients of Rheumatoid arthritis usually after 3-6 months of symptoms
- Prediction of severity of disease - Early Rheumatoid arthritis patients with Anti CCP positivity may develop a more erosive form of the disease as compared with Anti CCP negative patients
- To differentiate elderly onset Rheumatoid arthritis from Polymyalgia rheumatica and erosive SLE
-

Correlate Clinically.

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*** End Of Report ***



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