

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052169/RCL7248785

Referred By : Dr. X

Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 24, 2024, 06:42 PM.

Barcode No : SI484389

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Antimitochondrial M2 Antibody

Mitochondrial (M2) Antibody SERUM, EIA	2.45	AU/ml	Negative : < 11.9 Equivocal: 12.0-17.9 Positive : >=18.0
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Interpretation:

RESULT IN AU/mL	REMARKS
< 11.9	NEGATIVE
≥ 12.0-17.9	EQUIVOCAL
≥ 18.0	POSITIVE

COMMENTS

Primary biliary cirrhosis (PBC) is a chronic inflammatory disorder of the small and medium bile ducts and serologically characterized by the presence of circulating M2 autoantibodies. Anti-M2 autoantibodies belong to the group of anti-mitochondrial antibodies (AMA). The heterogeneously reacting specific AMA of the M2 subtype are directed against three related proteins of the alpha-keto acid dehydrogenase complex, which is located at the inner mitochondrial membrane. The major epitope recognized is located on the E2 subunit and the protein X of the pyruvate dehydrogenase complex (PDC). Additionally, AMA-M2-G autoantibodies recognize the (E1 alpha and E1 beta) subunits of the same complex and the E2 subunit of several other multienzyme complexes, such as the 2-oxo-glutarate dehydrogenase complex (OGDC) and the branched chain 2-oxo acid dehydrogenase complex (BCOADC). The determination of AMA-M2-G is a powerful tool in diagnosing PBC

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.

**Dr. Dummy**

Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI

Processing Lab :-

 928-909-0609 ccsupport@redcliffelabs.com www.redcliffelabs.com

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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