

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 24, 2024, 06:14 PM.
Patient ID / UHID : 8052467/RCL7249066	Barcode No : SI484324
Referred By : Dr. X	Report Status : Final Report
Sample Type : Serum	

Test Description	Value(s)	Unit(s)	Reference Range
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JO-1 Antibody

Jo-1 Antibody IgG (Serum,EIA)	11.0	AU/ml	NEGATIVE: < 12 EQUIVOCAL: 12-18 POSITIVE: > 18
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Interpretation:
 Antibodies against Jo-1 are directed against the reactive site of histidyl-tRNA-synthetase (HRS) which is a cytoplasmic enzyme belonging to the group of aminoacyl transferases. These are responsible for the linking of the respective amino acid (for HRS it is histidine) to its cognate transfer RNA. HRS is present in the cell as homodimer; its identical subunits of approximately 50 kDa are each bound to tRNA. Autoantibodies are commonly found in sera with myositis, and some are highly specific for this disorder. Each myositis-specific antibody defines a group of myositis patients with distinctive clinical features. About 30% of adults with myositis have antibodies to an aminoacyl transferase, and in at least 80% of cases the antibodies are directed to HRS. Anti-Jo-1 antibodies are almost exclusively found in patients with myositis. They occur in primary polymyositis with a prevalence of 33% in primary dermatomyositis with 25% and in secondary myositis associated with other connective tissue diseases with 15% prevalence. The onset of the disease is often acute with prominent systemic features such as fever. Myositis is often severe although cases without clinical muscle involvement are reported. Interstitial pneumonitis is a prominent clinical manifestation which is the next most common clinical feature after myositis in anti-Jo-1 positive patients, being present in 50- 90% compared to <10% of the other patients with polymyositis or dermatomyositis.

*** 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

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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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