

Patient Name : Mr MR.DUMMY
DOB/Age/Gender : 23 Y/Male
Patient ID / UHID : 8052462/RCL7249075
Referred By : Dr. Dr. X
Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM.
Report Date : May 25, 2024, 01:29 PM.
Barcode No : SI485046
Report Status : Final Report

Intrinsic Factor Antibody

Intrinsic Factor Antibody
EIA

1.5

Unit

<20

RESULT IN UNITS**REMARKS**

<20

Negative

20.1-24.9

Equivocal

>=25

Positive

Note :

1. Negative result does not exclude the diagnosis of Pernicious Anaemia (PA) as only 60% of patients with PA have this antibody
2. Presence of parietal cell antibodies may or may not be concordant with that of intrinsic factor (IF) antibodies, their measurement in conjunction with IF antibodies may aid in evaluation of patients with PA

Comment :

The presence of Intrinsic Factor (IF) antibodies can be used as an aid in the diagnosis of Pernicious anaemia (PA). Patients with PA suffer from gastric mucosal atrophy most likely caused by a destructive autoimmune process. This results in diminished or absent gastric acid, pepsin and IF production. Gastric acid & pepsin are required for liberation of cobalamin (Vitamin B12) from binding protein, while IF binds with free cobalamin & facilitates its absorption in ileum. Most PA patients have autoantibodies against gastric parietal cells or IF, with the latter being more specific but present only in 60% cases. By contrast parietal cell antibodies are found in 90% of patients but found in significant proportion of patients with other autoimmune disease and 2.5 % of healthy individuals. IF antibodies are of 2 types: Type 1 blocking antibodies which prevent the binding of vitamin B12 to the IF molecule and Type 2 binding antibodies which may interfere with the binding of the IF-Vitamin B12 complex to the ileal receptor. The assay detects both Type 1 and 2 antibodies.

*** 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.

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.