

Name	: Mr. DUMMY	Age	: 25 Years
Lab No.	: S3161	Gender	: Male
Ref By	: SELF	Reported	: 1/7/2023 4:59:36PM
Collected	: 1/7/2023 11:12:00AM	Report Status	: Interim
A/c Status	: P	Processed at	: LPL-NATIONAL REFERENCE LAB
Collected at	: LPL-ROHINI (NATIONAL REFERENCE LAB) National Reference laboratory, Block E, Sector 18, ROHINI DELHI 110085		: National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085

Test Report

Test Name	Results	Units	Bio. Ref. Interval
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ASPERGILLUS ANTIBODY IGG & IGM PANEL, CLIA, SERUM

ASPERGILLUS ANTIBODIES IgM, SERUM (CLIA)	U/mL	<20
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Interpretation

Result in U/ml	Remarks
<20	Negative
20-32	Equivocal
≥32	Positive

Note:

- Positive** indicates the presence of Aspergillus-specific IgM antibodies in the blood. This suggests recent exposure or an active Aspergillus infection. However, to accurately interpret the positive IgM result, it is crucial to consider the patient's clinical symptoms, medical history, and other diagnostic findings.
- False positive results can occur due to various reasons, including cross-reactivity with antibodies from other fungal infections or non-specific binding of the test antibodies.
- Negative** indicates the absence of Aspergillus-specific IgM antibodies in the blood. This indicates a low likelihood of recent Aspergillus exposure or an active infection.
- False negative results in Aspergillus IgM testing can occur due to early timing, variability of IgM response in individuals, and the individual's immune status.

Usage:

It is used as an adjunct in the diagnosis of acute Aspergillus infections or for screening high-risk populations.

ASPERGILLUS ANTIBODIES IGG, SERUM (CLIA)	U/mL	<20
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Interpretation

Result in U/ml	Remarks
<20	Negative
20-32	Equivocal
≥32	Positive



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Note:

1. **Positive** indicates the presence of Aspergillus-specific IgG antibodies in the blood. This indicates exposure to the Aspergillus fungus or a previous infection.
2. It may also be seen in individuals who have had prior exposure to Aspergillus or those who have successfully resolved an infection. However, to accurately interpret the positive IgG result, it is crucial to consider the patient's clinical symptoms, medical history, and other diagnostic findings.
3. False positive results can occur due to various reasons, including cross-reactivity with antibodies from other fungal infections or non-specific binding of the test antibodies.
4. Negative indicates the absence of Aspergillus-specific IgG antibodies in the blood. This suggests that the individual has not developed a significant immune response to Aspergillus and has a low likelihood of a current or previous Aspergillus infection.
5. False negative is seen in Individuals with weakened immune systems, such as those with immunodeficiency disorders or who are receiving immunosuppressive therapy, may have a reduced ability to mount an antibody response.

Usage:

1. Diagnosis of Aspergillus infections.
2. Monitoring disease progression and treatment response.
3. Risk assessment In individuals at high risk of Aspergillus infections, such as lung transplant recipients or patients with chronic obstructive pulmonary disease (COPD).

Dr Puneeta Singh
Ph.D (Microbiology)
Sr. Research Scientist

Dr Shalabh Malik
MD, Microbiology
Technical Director - Microbiology,
Infectious Disease Molecular &
Serology, Clinical Pathology
NRL - Dr Lal PathLabs Ltd

Result/s to follow:

ASPERGILLUS ANTIBODIES IgM, SERUM, ASPERGILLUS ANTIBODIES IGG, SERUM



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<p align="center"><u>IMPORTANT INSTRUCTIONS</u></p> <p>•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 .•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. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner /Doctor. •The report does not need physical signature. (#) Sample drawn from outside source. If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action. Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com National Reference lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory.</p>			

