

Understanding Your COVID-19 Neutralizing Antibody Panel Test Results

Interpreting COVID-19 antibody test results can be tricky, so we have put together this handy guide to help you understand what your results mean. You will need the results from all 3 tests on your report: IgG, IgM, and Neutralizing Antibodies.

How To Read The Chart Below:

- 1 Determine if you are negative or positive for Neutralizing Antibody and focus on the column matching your results.
- 2 If you were positive for either IgG or IgM, but not both together, look at the row labelled "IgM Result" or "IgG Result", and find the intersection with the column corresponding with your Neutralizing Antibody result to see your test interpretation.
- 3 If you had the same result for BOTH IgG or IgM (either both positive or both negative) look at the row labelled "Both IgG & IgM", then the row corresponding with Double Positive or Double Negative, and find the intersection with the column corresponding with your Neutralizing Antibody result to see your test interpretation.

		Neutralizing Antibody Result	
		Positive Neutralizing Antibody	Negative Neutralizing Antibody
IgM Result	Positive	Indicates protective immune response with neutralizing protection primarily from IgM	IgM presence indicates exposure to virus, but IgM cannot neutralize virus
	Negative	Indicates no IgM antibody is present, thus neutralizing protection is from other kinds of antibodies	Indicates no IgM antibody has been produced and no protective immune response exists.
IgG Result	Positive	Indicates protective immune response with neutralizing protection primarily due to IgG	IgG presence indicates exposure to virus, but IgG cannot neutralize virus
	Negative	Indicates no IgG antibody is present, thus neutralizing protection is from other kinds of antibodies	Indicates no IgG antibody has been produced and no protective immune response exists.
BOTH IgG & IgM	Double Positive	Indicates protective immune response with neutralization due to both IgG and IgM	Some protection is present, but the IgG and IgM do not have significant neutralizing activity in this assay
	Double Negative	Neutralization protection is present, and IgG & IgM are below positive cutoff or other helpful antibodies (IgA) may be present	Indicates no protective antibody response at all; patient has not been exposed to SARS-CoV-2 virus.



Still have questions? We are here to help.

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