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CLIA Number#: 11D2212215

<https://elinalabs.com/>

Clinic Information	Patient Information	Sample Information
Clinic: Demo Clinic 5380 Peachtree Industrial Blvd suite 200 Norcross GA, 30071 Physician: Demo, Demo	Patient Name: Test, Report Negative Patient ID: P00017 Date of Birth: 2/2/1974 Gender:	Lab Sample ID : 210422100002 Specimen Type : EDTA Plasma Collected : 4/20/2021 Received : 4/22/2021 Reported : 4/22/2021

Test Requested	Medications
Covid Neutralizing Antibody	

Test	Result
Covid Neutralizing Antibody	
Qualitative result	Negative

Titer (U/mL) Concentration	% Neutralization	Interpretation
<1500	30 to <60	LOW NEUTRALIZATION
1500-5000	60-90	MODERATE NEUTRALIZATION
>5000	>90	HIGH NEUTRALIZATION

A Neutralizing Antibody (NAb) is an antibody that is responsible for defending cells from pathogens, which are organisms that cause disease. They are produced naturally by the body as part of its immune response, and their production is triggered by both infections and vaccinations against infections(1),

Recent studies have shown that neutralization of SARS-CoV-2 infection may correlate to immunity via the presence and/or titer of neutralizing antibodies in both humans and animals(1-5). However, this has not yet been definitively proven in human challenge studies (2,3).

Learn more about Covid-19 Neutralization Antibodies at <https://www.elinalabs.com>

Disclaimer: The information contained in this report is intended to be interpreted by a licensed physician or other licensed healthcare professional. This report is not intended to take the place of professional medical device. Decisions regarding course of medical treatment must be made only after consulting with a licensed physician or other licensed healthcare professional and should consider each patient's medical history. The COVID-19 Neutralizing Antibody assay is a Laboratory Developed Test (LDT) validated in accordance with CLIA high complexity guidelines following all performance specifications and characteristics. Validation was performed by Elina Labs, LLC. CLIA #11D-2212215 on an open automated ELISA system.

References:

- 1) Zoppi, L. (2021, March 11). What are Neutralizing Antibodies? News-Medical Life Sciences. <https://www.news-medical.net/health/What-are-Neutralizing-Antibodies.aspx>
- 2) Kirby, T. COVID-19 human challenge studies in the UK. The Lancet Respiratory Medicine 8, e96 (2020).
- 3) Nguyen, L. C. et al. Evaluating use cases for human challenge trials in accelerating SARS-CoV-2 vaccine development. Clinical Infectious Diseases 72, 710-715 (2021).