



COVID-19 Immune Index™

Monitor and understand your immune status.

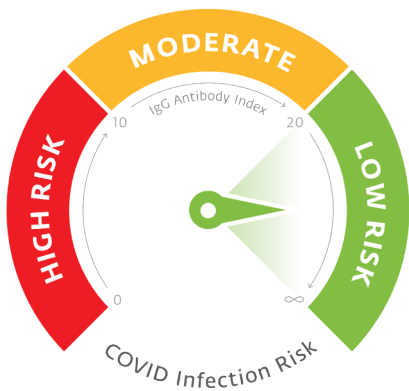
Monitoring waning immunity and the associated risk of infection post-vaccination or post-infection by measuring the body's neutralizing antibody response can help inform decisions on the appropriate timing for vaccine boosters and steps to limit exposure to COVID-19.

The KSL COVID-19 Immune Index™ immunoassay detects an individual's IgG, IgM, and IgA antibodies to help understand their immunity.

A quick and easy finger-prick blood test provides accurate, quantitative results to inform decisions regarding vaccination and risk of infection. Contact KSL Diagnostics for testing supplies. Laboratory results are provided in just days.

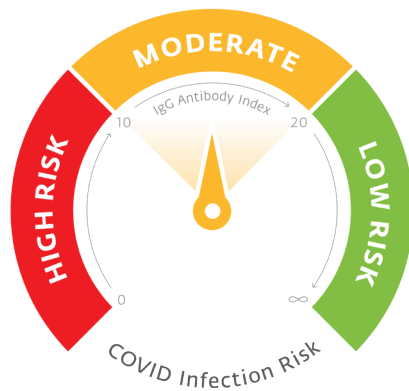


Low, Moderate, or High Risk COVID-19 Immune Index™ Graphical Result Included in Lab Report



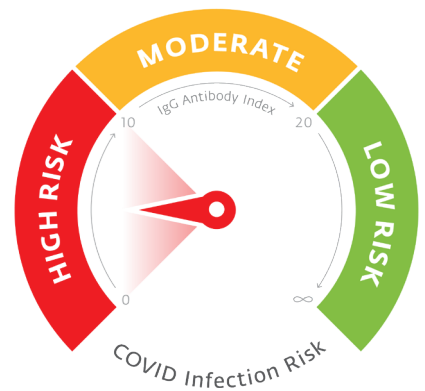
LOW RISK

IgG titers > 20 show 100% neutralization of virus



MODERATE RISK

IgG titers of 10-20 reduces effective virus neutralization by 25%



HIGH RISK

IgG titers < 10 show low virus neutralization

COVID-19 Immune Index™ — IgG, IgM, IgA Antibody Testing by Immunoassay Correlated with Virus Neutralization

Test Code	231
Synonyms	2019 Novel Coronavirus antibody; COVID-19 antibody; SARS-CoV-2 antibody
Test Specimen	<ul style="list-style-type: none">• Dried Blood Spot (DBS)• Serum/Plasma
Test Technology	Chemiluminescent Immunoassay (CLIA)
IgM, IgA, & IgG Antibodies Reported Values & Units	<ul style="list-style-type: none">• <0.8 Cut-off Index (COI) - Negative• 0.8 to <1.0 COI - Indeterminate• ≥1.0 COI - Positive
Disease	COVID-19
Clinical Utility	Follow-up for COVID-19 immunization status
Specimen Requirements	<ul style="list-style-type: none">• Dried Blood Spot (DBS): Two filled circles• Serum/Plasma: 3 mL; Minimum, 1 mL
Turnaround Time	≤ 2 business days from sample receipt at laboratory (no weekend/holiday testing)
Transport Conditions	<ul style="list-style-type: none">• Dried Blood Spot (DBS): Ambient, 2 weeks• Serum/Plasma: Ambient, 48 hours; Refrigerated, acceptable; frozen serum or plasma, if separated for blood cells
Specimen Collection	<ul style="list-style-type: none">• Dried Blood Spot (DBS): Finger-prick collection completely filling two 8mm circles on DBS card• Serum/Plasma: Serum separator tube (preferred); plasma tube (acceptable)
Specimen Storage	<ul style="list-style-type: none">• Dried Blood Spot (DBS): Ambient, 2 weeks• Serum/Plasma: Ambient, 48 hours; Refrigerated, 2 weeks; Frozen, 1 year (avoid repeated freeze/thaw cycles)
Rejection Criteria	<ul style="list-style-type: none">• Dried Blood Spot (DBS): Insufficiently filled circles, incomplete absorption, improperly dried sample, poor sample quality• Serum/Plasma: Contaminated, heat-inactivated, hemolyzed, severely lipemic specimens, or frozen whole blood in sample
CPT Codes	86769 x3

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