

NEW TEST TEST CHANGE

NOTIFICATION DATE: 09/06/2024

EFFECTIVE DATE: 09/11/2024

Varicella-zoster Virus (VZV) Antibodies, IgG

Due to a nationwide discontinuation of reagent kits, Northwell Health Laboratories will transition to a new and improved assay for the measurement IgG antibodies against varicella-zoster virus (VZV). The current chemiluminescent immunoassay (LIAISON VZV IgG) will be replaced with an improved chemiluminescent immunoassay (LIAISON VZV IgG HT).

VZV is the etiological agent of chickenpox, and shingles (also known as herpes zoster).

An in-house method comparison study conducted at Northwell Health Laboratories demonstrated acceptable qualitative clinical concordance (> 90%) between the two assays. *Direct comparison of quantitative result values between the two assays is not feasible due to differences in result unit of measure*, as highlighted in the table below.

| Test Requirement | New | Previous |
|-------------------------|--|---|
| Methodology | Chemiluminescent Immunoassay | Chemiluminescent Immunoassay |
| Assay Manufacturer | DiaSorin | DiaSorin |
| Result Interpretation | < 1.00 S/CO: Negative ≥ 1.00 S/CO: Positive | < 135.0 Index: Negative ≥135.0 to <165.0 Index: Equivocal ≥ 165.0 Index: Positive |
| Specimen Collection | 1 mL Serum (0.5 mL minimum) | 1 mL Serum (0.5 mL minimum) |
| Computer Interface Code | PDM # 5700570 | PDM # 5700570 |
| Test Order | VZV | VZV |

If you have any questions, please contact Client Services at (800) 472-5757.

