

TEST CHANGE

Varicella-Zoster Virus Antibodies, IgG and IgM

0050162, VZV PAN

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP standard transport tube. (Min: 0.2 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as "acute" or "convalescent."

Transport Temperature: Refrigerated.

Unacceptable Conditions: See individual components.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Chemiluminescent Immunoassay

Performed: Sun-Sat

Reported: 1-5 days

Note:

CPT Codes: 86787 x2

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Component Result	Interpretation
Varicella-Zoster Virus Antibody, IgG	<p>≤ 1.00 S/CO: Negative. No significant level of detectable varicella-zoster IgG antibody.</p> <p>≥ 1.00 S/CO: Positive. IgG antibody to varicella-zoster</p>

<p>Varicella-Zoster Virus Antibody, IgM</p>	<p>detected, which may indicate a current or past varicella-zoster infection.</p> <p>0.90 ISR or less: Negative - No significant level of detectable varicella-zoster virus IgM antibody. 0.91-1.09 ISR: Equivocal - Repeat testing in 10-14 days may be helpful. 1.10 ISR or greater: Positive - Significant level of detectable varicella-zoster virus IgM antibody. Indicative of current or recent infection. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection or immunization.</p>	
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Reference Interval:

Test Number	Components	Reference Interval
	Varicella-Zoster Virus Antibody, IgM	0.90 ISR or less
	<u>Varicella-Zoster Virus Ab, IgG</u>	<u><=0.99</u>

HOTLINE NOTE: There is a numeric map change associated with this test. Refer to the Hotline Test Mix for interface build information.