

# Immunology testing change

- Starting Dec 4<sup>th</sup>, 2025, Upstate Immunology laboratory will be transitioning to new testing methodology
- The new testing may result in changes to units of measure and reference ranges
- This change also allows for improved interpretation comments (not all shown here due to space)

| Current assay   | New assay   |
|---|---|
| <p>Ref Range &amp; Units</p> <p><b>CMV IgG Antibody</b> 2.00 ^</p> <p>&lt;0.91 {ISR}</p> <p>Comment: Positive</p>   | <p>Ref Range &amp; Units</p> <p><b>CMV IgG Antibody</b> 0.77 ^</p> <p>&lt;0.60 U/mL</p> <p>Comment: Positive</p>  |
| <p>Ref Range &amp; Units</p> <p><b>Herpes Simplex IgG 1</b> 2.50 ^</p> <p>&lt;0.90 {index}</p> <p>Comment: Positive</p>   | <p>Ref Range &amp; Units</p> <p><b>Herpes Simplex IgG 1</b> 3.50 ^</p> <p>&lt;0.90 {index}</p> <p>Comment: Positive</p>   |
| <p>Ref Range &amp; Units</p> <p><b>Toxoplasma gondii Ab</b> 2.00 ^</p> <p>&lt;0.91 {ISR}</p> <p>Comment: Positive</p>   | <p>Ref Range &amp; Units</p> <p><b>Toxoplasma gondii IgG AB</b> 15.0 ^</p> <p>&lt;7.2 IU/mL</p> <p>Comment: Positive</p>  |
| <p>Ref Range &amp; Units</p> <p><b>EBV VCA IgG p18 Ab</b> Positive !</p> <p>Negative</p> <p>Comment: Indicates presence of detectable IgG antibody to EBV VCA (P-18) by the ELISA test.</p> <p>The following results were obtained with the Trinity Biotech EBV VCA IgG ELISA. Values obtained with different methods may not be used interchangeably. The magnitude of the reported IgG level cannot be correlated to an endpoint titer.</p> | <p>Ref Range &amp; Units</p> <p><b>EBV VCA IgG P18 AB</b> 30.0 ^</p> <p>&lt;18.0 U/mL</p> <p>Comment: Positive</p> <p>Presence of detectable VCA IgG antibodies. Specific IgG antibodies are usually detected in patients with recent primary infection and may be found in patients with reactivated infections. Other EBV serology assays should be performed to confirm EBV-associated infectious mononucleosis.</p> <p>Negative: &lt; 18.0 U/mL<br/> Equivocal: ≥ 18.0 - &lt; 21.9 U/mL<br/> Positive: ≥ 22.0 U/mL<br/> Reference ranges apply to all ages.</p>   |
| <p><b>EBV IgG Nuclear Ab</b> 3.10 ^</p> <p>&lt;0.91 {ISR}</p> <p>Comment: The following results were obtained with the Trinity Biotech EBNA-1 IgG ELISA. Values obtained with different methods may not be used interchangeably. The magnitude of the reported IgG level cannot be correlated to an endpoint titer.</p>   | <p>The reported Index value is for reference only. This is a qualitative test, and the numeric value of the Index is not indicative of the amount of antibody present.</p> <p><b>EBV VCA IgM AB</b> 50.0 ^</p> <p>&lt;36.0 U/mL</p> <p>Comment: Positive</p> <p>Presence of detectable VCA IgM antibodies. Specific IgM antibodies are usually detected in patients with recent primary infection and may be found in patients with reactivated infections. Other EBV serology assays should be performed to confirm EBV-associated infectious mononucleosis.</p> <p>Negative: &lt; 36.0 U/mL<br/> Equivocal: ≥ 36.0 - &lt; 43.9 U/mL<br/> Positive: ≥ 44.0 U/mL<br/> Reference ranges apply to all ages.</p> |
| <p><b>EBV VCA IgM Ab</b> Positive !</p> <p>Negative</p> <p>Comment: Significant level of detectable VCA IgM antibody. Indicative of current or recent infection.</p>  | <p>The reported Index value is for reference only. This is a qualitative test, and the numeric value of the Index is not indicative of the amount of antibody present.</p> <p><b>EBV IgG Nuclear AB</b> 25.0 ^</p> <p>&lt;18.0 U/mL</p>   |

Contact the Immunology Laboratory Director with any questions or concerns:  
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