

TEST CHANGE

Herpes Simplex Virus Type 1 Glycoprotein G-Specific Antibody, IgG by CIA

0050292, HERP I

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube (SST) or plasma separator tube (PST). Also acceptable: green (lithium heparin) or lavender (K2EDTA or K3EDTA).

Specimen Preparation: Allow serum tube specimen to clot completely at room temperature. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tube. (Min: 0.5 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Contaminated, heat-inactivated, grossly hemolyzed, lipemic, or severely icteric specimens.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 14 days-2 weeks; Frozen: 12 weeks (May have up to 5-1 year (avoid repeated freeze/thaw cycles))

Methodology: Semi-Quantitative Electrochemiluminescent Immunoassay (ECLIA)

Note: For CSF sSpecimens, refer to Herpes Simplex Virus Type 1 Glycoprotein G-Specific Antibody, IgG by ELISA, CSF (ARUP test code 0050379).

CPT Codes: 86695

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

Interpretive Data:

Individuals infected with HSV may not exhibit detectable IgG antibody to type-specific HSV antigens 1 and 2 in the early stages of infection. Detection of antibody presence in these cases may only be possible using a nontype-specific screening test.

~~False positive results are possible. Consider additional testing for results less than or equal to 3.0 IU for type-specific assays.~~

<p><u>HSV 1</u> <u>Glycoprotein</u> <u>G Ab.</u> <u>IgG</u>Effective February 18, 2020</p>	<p>REFERENCE INTERPRETIVE</p>
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INTERVAL 0.89 IV or less	COMMENT Negative -No significant level of detectable IgG antibody to HSV type 1 glycoprotein G.
0.99 COI or less 90-1.09 IV	Negative: No significant level of detectable Equivocal -Questionable presence of IgG antibody to HSV type 1 glycoprotein G. Repeat testing in 10-14 days may be helpful.
1.00 COI 10 IV or greater	Positive: IgG antibody to HSV type 1 glycoprotein G detected, which may indicate a current or past HSV infection.

Reference Interval:

Test Number	Components	Reference Interval
	HSV 1 Glycoprotein G Ab, IgG	≤0.99 COI

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