

TEST CHANGE

Encephalitis Panel with Reflex to Herpes Simplex Virus Types 1 and 2 Glycoprotein G-Specific Antibodies, IgG, CSF

2008916, ENCEPHCSF

Specimen Requirements:

Patient Preparation:

Collect: CSF.

Specimen Preparation: Transfer ~~5.0mL~~~~3-mL~~ CSF to an ARUP standard transport tube. ~~Standard Transport Tube~~. (Min: 2.5mL~~1.05-mL~~)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Serum or plasma. Contaminated, heat-inactivated, or hemolyzed specimens.

Remarks:

Stability: Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 year

Methodology: Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA) ~~/Semi-Quantitative Chemiluminescent Immunoassay (CLIA)~~

Performed: Sun-Sat

Reported: 4-6 days

Note: If HSV 1 and/or 2 IgG, CSF is 1.10 IV or greater, then HSV 1 G-Specific IgG, CSF and HSV 2 G-Specific IgG, CSF will be added. Additional charges apply.

CPT Codes: 86765 x2; 86735 x2; 86787 x2; 86789; 86788; 86694 x2; if reflexed, add 86695; 86696

New York DOH Approval Status: Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

Interpretive Data:

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Component	Interpretation
Measles (Rubeola) Antibody, IgG, CSF	13.4 AU/mL or less Negative - No significant level of IgG antibody to measles (rubeola) virus detected. 13.5-16.4 AU/mL Equivocal - Repeat testing in 10-14 days may be helpful. 16.5 AU/mL or greater Positive - IgG antibody to measles (rubeola) detected, which may indicate a current or past measles (rubeola) infection.
Measles (Rubeola) Antibody, IgM, CSF	0.79 AU or less Negative - No significant level of IgM antibodies to measles (rubeola) virus detected. 0.80-1.20 AU Equivocal - Repeat testing in 10-14 days may be helpful. 1.21 AU or greater Positive - IgM antibodies to measles (rubeola) virus detected. Suggestive of current or recent infection or immunization. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection or immunization.
Mumps Virus Antibody IgG, CSF	8.9 AU/mL or less Negative - No significant level of detectable IgG mumps virus

	<p>antibody. 9.0-10.9 AU/mL Equivocal - Repeat testing in 10-14 days may be helpful. 11.0 AU/mL or greater Positive - IgG antibody to mumps virus detected, which may indicate a current or past mumps virus infection.</p>
Mumps Virus Antibody IgM, CSF	<p>0.79 IV or less Negative - No significant level of detectable IgM antibody to Mumps virus. 0.80-1.20 IV Equivocal - Borderline levels of IgM antibody to Mumps virus. Repeat testing in 10-14 days may be helpful. 1.21 IV or greater Positive - Presence of IgM antibody to Mumps virus detected, which may indicate a current or recent infection. However, low levels of IgM antibody may occasionally persist for more than 12 months post-infection or immunization.</p>
Varicella-Zoster Virus Antibody, IgG, CSF	<p>134.9 IV or less Negative - No significant level of IgG antibody to varicella-zoster virus detected. 135.0-164.9 IV Equivocal - Repeat testing in 10-14 days may be helpful. 165.0 IV or greater Positive - IgG antibody to</p>

<p>Varicella-Zoster Virus Antibody, IgM by ELISA (CSF)</p>	<p>varicella-zoster virus detected, which may indicate a current or past varicella-zoster infection.</p> <p>0.90 ISR or less Negative - No significant level of IgM antibody to varicella-zoster virus detected.</p> <p>0.91-1.09 ISR Equivocal - Repeat testing in 10-14 days may be helpful. 1.10 ISR or greater Positive - Significant level of IgM antibody to varicella-zoster virus detected, which may indicate current or recent infection.</p> <p>However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection.</p>	
<p>Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgM by ELISA, CSF</p>	<p>0.89 IV or less Negative - No significant level of detectable HSV IgM antibody.</p> <p>0.90-1.09 IV Equivocal - Questionable presence of IgM antibodies.</p> <p>Repeat testing in 10-14 days may be helpful. 1.10 IV or greater Positive - IgM antibody to HSV detected, which may indicate a current or recent infection.</p> <p>However, low levels of IgM antibodies may occasionally persist for more than 12 months</p>	

	post-infection.
Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgG, CSF	<p>0.89 IV or less Negative - No significant level of detectable HSV IgG antibody. 0.90-1.09 IV Equivocal - Questionable presence of IgG antibodies. Repeat testing in 10-14 days may be helpful. 1.10 IV or greater Positive - IgG antibody to HSV detected which may indicate a current or past HSV infection.</p>
West Nile Virus Antibody, IgG by ELISA, CSF	<p>1.29 IV or less Negative - No significant level of West Nile virus IgG antibody detected. 1.30-1.49 IV Equivocal - Questionable presence of West Nile virus IgG antibody detected. Repeat testing in 10-14 days may be helpful. 1.50 IV or greater Positive - Presence of IgG antibody to West Nile virus detected, suggestive of current or past infection.</p>
West Nile Virus Antibody, IgM by ELISA, CSF	<p>0.89 IV or less Negative - No significant level of West Nile virus IgM antibody detected. 0.90-1.10 IV Equivocal - Questionable presence of West Nile virus IgM antibody detected. Repeat testing in 10-14 days may be helpful. 1.11 IV or greater Positive -</p>

Presence of IgM
antibody to West
Nile virus
detected,
suggestive of
current or recent
infection.

Reference Interval:

Test Number	Components	Reference Interval
	West Nile Virus Antibody IgG CSF	1.29 IV or less
	Measles, Rubella, Antibody IgM CSF	0.79 AU or less
	West Nile Virus Antibody IgM CSF	0.89 IV or less
	HSV 1/2 Antibody Screen IgG, CSF	0.89 IV or less
	HSV 1/2 Antibody Screen IgG, CSF	
	HSV 1 and/or 2 Antibodies IgM, CSF	0.89 IV or less
	Measles, Rubella, Antibody IgG CSF	16.4 AU/mL or less
	Mumps Virus Antibody IgG CSF	10.9 AU/mL or less
	Mumps Virus Antibody IgM CSF	0.79 IV or less
	VZV Antibody IgM CSF	0.90 ISR or less