TEST CHANGE

Encephalitis Panel With Reflex to Herpes Simplex Virus Types 1 and 2 Glycoprotein G-Specific Antibodies, IgG, Serum (Test on Delay as of 09/23/2025)

3017751, ENCEPH-SER

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube.
Specimen Preparation:	Transfer 4.0mL serum to an ARUP standard transport tube. (Min: 2.0mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Refer to individual components. CSF (refer to Encephalitis Panel with Reflex to Herpes Simplex Virus Types 1 and 2 Glycoprotein G-Specific Antibodies, IgG, CSF, ARUP test code 3017752).
Remarks:	
Stability:	After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month
Methodology:	Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA) / ~~)~~Semi-Quantitative Chemiluminescent Immunoassay (CLIA) / Semi-Quantitative Indirect Fluorescent Antibody (IFA)
Performed:	Sun-Sat
Reported:	2-6 days
Note:	If HSV 1 and/or 2 IgG is 1.10 IV or greater, then HSV 1 G-specific IgG and HSV 2 G-specific IgG will be added. Additional charges apply.
CPT Codes:	86765 x2; 86735 x2; 86787 x2; 86789; 86788; 86694; if reflexed, add 86695; 86696
New York DOH Approval Status:	This test is New York DOH approved.
Interpretive Data:	

Component	Interpretation
Measles (Rubeola) Antibody, IgG	13.4 AU/mL or less: Negative. No significant level of detectable measles (rubeola) IgG antibody. 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 exposure/immunization to measles (rubeola).
Measles (Rubeola) Antibody, IgM	Less than 1:100~~.79 AU or less~~: Negative. No evidence~~significant level~~ of recent infection. False-negative results are possible if the specimen was collected too soon after exposure. Molecular~~IgM antibodies to measles (rubeola) virus detected. 0.80-1.20 AU: Equivocal. Repeat~~ testing ~~in 10-14 days~~ may be helpful. 1:10~~.21 AU~~ or greater: Positive. Indicative~~IgM antibodies to measles (rubeola) virus detected. Suggestive~~ of recent primary measles ~~current or recent infection or immunization. However, low levels of IgM antibodies may occasionally persist for more than 12 months post~~ infection. False-positive results are possible ~~or immunization~~.
Mumps Virus Antibody, IgG	8.9 AU/mL or less: Negative. No significant level of detectable IgG mumps virus 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 exposure/immunization to mumps virus.
Mumps Virus Antibody, IgM	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.
Varicella-Zoster Virus Antibody, IgG	0.99 S/CO or less: Negative. No significant level of detectable varicella-zoster IgG antibody. 1.00 S/CO or greater: Positive. IgG antibody to varicella-zoster detected, which may indicate a current or past varicella-zoster infection.
Varicella-Zoster Virus Antibody, IgM	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.	
Herpes Simplex Virus Type 1 and/or 2 Antibodies, IgG	0.89 IV or less: Not Detected. 0.90-1.09 IV: Indeterminate. Repeat testing in 10-14 days may be helpful. 1.10 IV or greater: Detected.	
West Nile Virus Antibody, IgG by ELISA, Serum	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.	
West Nile Virus Antibody, IgM by ELISA, Serum	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. 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 Ab, IgG, Ser	1.29 IV or less
	West Nile Virus Ab, IgM, Ser	0.89 IV or less
	Varicella-Zoster Virus Antibody, IgM	0.90 ISR or less
	Varicella-Zoster Virus Ab, IgG	<=0.99
	Mumps Virus Antibody, IgM	0.79 IV or less
	Measles, Rubeola, Antibody IgM	Less than 1:10 ~~0.79 AU or less~~