Client: ARUP Example Report Only
500 Chipeta Way
Salt Lake City, UT 84108
UNITED STATES

Physician: Jones, Shalane

Patient: Meas, EncephSerNeg

DOB	
Sex:	Male
Patient Identifiers:	74823
Visit Number (FIN):	75256
Collection Date:	12/11/2025 14:32

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

ARUP test code 3017751

HSV Type 1/2 Combined Ab, IgG	0.50 IV	(Ref Interval: <=0.89)

Specimen tested negative for Herpes Simplex Virus Type 1 and/or Type 2 Antibodies, IgG. No additional testing will be added.

The Herpes IgG is not detected or indeterminate; therefore, no further testing will be added.

INTERPRETIVE INFORMATION: HSV 1/2 COMBINED Ab SCREEN, IgG

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  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
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The best evidence for current infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.

West Nile Virus Ab, IgG, Ser	1.10 IV	(Ref Interval: <=1.29)

INTERPRETIVE INFORMATION: West Nile Virus Ab, IgG by ELISA, Serum

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  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.
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This test is intended to be used as a semi-quantitative means of detecting West Nile virus-specific IgG in serum samples in which there is a clinical suspicion of West Nile virus infection. This test should not be used solely for quantitative purposes, nor should the results be used without correlation to clinical history or other data. Because other members of the Flaviviridae family, such as St.Louis encephalitis virus, show extensive cross-reactivity with West Nile virus, serologic testing specific for these species should be considered.

H=High, L=Low, *=Abnormal, C=Critical

Seroconversion between acute and convalescent sera is considered strong evidence of current or recent infection. The best evidence for infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.

West Nile Virus Ab, IgM, Ser	0.60 IV (Ref Interval: <=0.89)

INTERPRETIVE INFORMATION: West Nile Virus Ab, 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.

This test is intended to be used as a semi-quantitative means of detecting West Nile virus-specific IgM in serum samples in which there is a clinical suspicion of West Nile virus infection. This test should not be used solely for quantitative purposes, nor should the results be used without correlation to clinical history or other data. Because other members of the Flaviviridae family, such as St.Louis encephalitis virus, show extensive cross-reactivity with West Nile virus, serologic testing specific for these species should be considered.

Seroconversion between acute and convalescent sera is considered strong evidence of current or recent infection. The best evidence for infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.

Mumps Virus Antibody, IgG	1.0 AU/mL

INTERPRETIVE INFORMATION: Mumps Ab, IgG by CIA

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.

The best evidence for current infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.

Mumps Virus Antibody, IgM	0.50 IV (Ref Interval: <=0.79)

INTERPRETIVE INFORMATION: 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.

H=High, L=Low, *=Abnormal, C=Critical

	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.
Measles, Rubeola, Antibody IgG	0.5 AU/mL INTERPRETIVE INFORMATION: 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). The best evidence for current infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.
Measles, Rubeola, Antibody IgM	<1:10 (Ref Interval: <1:10) INTERPRETIVE INFORMATION: Measles (Rubeola) Antibody, IgM by IFA Less than 1:10..... Negative - No evidence of recent infection. False negative results are possible if the specimen was collected too soon after exposure. Molecular testing may helpful. 1:10 or greater ..... Positive - Indicative of recent primary measles infection. False positive results possible.
Varicella-Zoster Virus Ab, IgG	0.40 S/CO (Ref Interval: <=0.99) INTERPRETIVE INFORMATION: VZV Ab, IgG <=0.99 S/CO: Negative - No significant level of detectable varicella-zoster IgG antibody. >=1.00 S/CO: Positive - IgG antibody to varicella-zoster detected, which may indicate a current or past varicella-zoster infection. The best evidence for current infection is a significant change on two appropriately timed specimens, where both tests are done in the same laboratory at the same time.
Varicella-Zoster Virus Antibody, IgM	0.40 ISR (Ref Interval: <=0.90) INTERPRETIVE INFORMATION: Varicella-Zoster Virus Antibody, IgM 0.90 ISR or less ..... Negative - No significant level of detectable varicella-zoster virus

H=High, L=Low, *=Abnormal, C=Critical

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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
HSV Type 1/2 Combined Ab, IgG	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
West Nile Virus Ab, IgG, Ser	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
West Nile Virus Ab, IgM, Ser	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Mumps Virus Antibody, IgG	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Mumps Virus Antibody, IgM	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Measles, Rubeola, Antibody IgG	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Measles, Rubeola, Antibody IgM	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Varicella-Zoster Virus Ab, IgG	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM
Varicella-Zoster Virus Antibody, IgM	25-345-120055	12/11/2025 2:32:00 PM	12/11/2025 2:34:19 PM	12/11/2025 2:55:00 PM

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