
Lab Dept: Serology

Test Name: POWASSAN VIRUS IGM ANTIBODY

General Information

Lab Order Codes: PVIGM

Synonyms: N/A

CPT Codes: 87449 – Infectious agent antigen detection by immunoassay technique, (eg, enzyme immunoassay [EIA], enzyme-linked immunosorbent assay [ELISA], immunochemiluminometric assay [IMCA]), qualitative or semiquantitative; multiple-step method, not otherwise specified, each organism

Test Includes: Entire arboviral panel: Powassan Virus, West Nile Virus, La Crosse encephalitis, St.Louis encephalitis, Western equine encephalitis & Eastern equine encephalitis.

Logistics

Test Indications: Useful in diagnosing patient with potential tick exposure during the tick-borne disease season.

Lab Testing Sections: Serology – Sendouts

Referred to: Minnesota Department of Health - PHL

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6500

Test Availability: M-F

Turnaround Time: 7 days

Special Instructions: N/A

Specimen

Specimen Type: Blood or CSF

Container: Blood: SST (Red, marble or gold) tube

CSF: Sterile container

Draw Volume:	Blood: 3 mL CSF: 1 mL (Minimum: 0.5 mL)
Processed Volume:	Serum: 1.0 mL CSF: 1.0 mL (Minimum: 0.5 mL)
Collection:	Routine blood collection or aseptic CSF collection
Special Processing:	Lab Staff: Blood: Centrifuge specimen. Remove aliquot and place in a sterile container. Store and ship specimen at refrigerated temperatures. CSF: Aliquot specimen and place in a sterile container. Store and ship at refrigerated temperatures.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference ranges:	Negative (reported as positive or negative)
Critical Values:	N/A
Limitations:	N/A
Methodology:	Enzyme Linked Immunosorbent Assay (ELISA)
References:	Minnesota Department of Health February 2019