

ST. LOUIS ENCEPHALITIS VIRUS

Orderable - ARBO

Turnaround Time: 8 days serology/Up to 28 days PCR

Specimen Type and Collection Information:

Please review the Public Health Ontario Laboratory Test Information Index:

St. Louis Encephalitis Virus

Specimen Type	Minimum Volume	Collection Kit
Blood or Serum (serology)	1.0 mL blood or 400 UL of serum	Gold Vacutainer (SST)
Plasma (PCR)	1.0 mL	EDTA (purple top vacutainer)
CSF (PCR)	400 UL	Sterile Container



Laboratory:
Microbiology



Requisition:
[PUBLIC HEALTH ONTARIO
LABORATORY TEST
REQUISITION](#)

This requisition **MUST**
accompany the specimen



Method of Analysis:
Hemagglutination
Inhibition Assay
PRNT
PCR



Test Schedule:
Referred out weekdays



Referred to:
Public Health Ontario
Laboratory
1200 Commissioners Rd E
London, Ontario
519-455-9310

Critical Information Required:

Ensure the Public Health Ontario Laboratory Requisition includes the following:

- Relevant travel history
- Onset date
- Symptoms

Specify **St. Louis Encephalitis Virus** in the **Specimen Description** field when placing order in PowerChart and on Public Health Ontario Laboratory Requisition.

Special Processing:

Molecular testing (PCR) is available in special cases but must be approved by the Microbiologist on-call.

CSF will only be tested once it has been shown that anti-flavivirus antibodies are present in the patient's serum (via HAI testing).

Storage and Shipment:

The specimen must be refrigerated.
The specimen must be received within 24 hours of collection.