

# 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.