

HANTAVIRUS SEROLOGY

Orderable – HANTA.

Turnaround Time: Up to 28 days

Disease Prevalence:

A case of human Hantavirus infection in Ontario has never been described, despite the presence of infected deer mice (vector) across Canada.

Specimen Type and Collection Information:

Please review the Public Health Ontario Laboratory Test Information Index:

Hantavirus

Specimen Type	Minimum Volume	Collection Kit
Serum or paired sera – acute and convalescent (preferred)	1.0 mL	Gold 5mL Vacutainer (SST)

Critical information required:

Ensure the Public Health Laboratory Requisition includes the following:

- Suspected Hantavirus Pulmonary Syndrome (HPS) or hemorrhagic fever with renal syndrome (HFRS)
- Symptoms
- Relevant travel history
- Onset date
- History of contact with rodents or their excrement (e.g. droppings/urine); and if these rodents are wild or domestic, and if they have confirmed hantavirus infection (e.g. Sin Nombre, Seoul)

Storage and Shipment:

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



Laboratory:
Microbiology



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

This requisition MUST
accompany the specimen



Method of Analysis:
ELISA detection of IgG
and IgM



Test Schedule:
Referred out weekdays



Referred to:
National Microbiology
Laboratory
1015 Arlington Street
Winnipeg, Manitoba
R3E 3R2