

Hantavirus IgM and IgG, ELISA, Serum

Test ID: HANGM

Useful for:

Aid in the diagnosis of Hantavirus infection

Profile Information:

Test ID	Reporting Name	Available Separately	Always Performed
HANTM	Hantavirus IgM, S	No	Yes
HANTG	Hantavirus IgG, S	No	Yes
HANTI	Hantavirus IgM/IgG, Interpretation	No	Yes

Methods:

HANTM, HANTG: Enzyme-Linked Immunosorbent Assay (ELISA)

HANTI: Technical Interpretation

Reference Values:

IgM: Negative

IgG: Negative

Reference values apply to all ages.

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Preferred:	Serum gel
Acceptable:	Red Top
Submission Container/Tube:	Plastic vial
Specimen Volume:	0.6 mL Serum
Collection Instructions:	Centrifuge and aliquot serum into a plastic vial.
Minimum Volume:	0.5 mL Serum

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	21 days
	Ambient	7 days
	Frozen	30 days

Cautions:

False negative results may occur in patients that are either tested too soon following infection or are significantly immunocompromised.

This assay detects IgM and IgG antibodies against antigens from the Sin Nombre and Andes Hantavirus strains; however, it will not differentiate between the two strains. It is unknown if this assay will detect antibodies to other Hantavirus strains.

Results must be interpreted alongside epidemiological exposure history and clinical presentation and diagnosis should not be made solely on serologic results from this assay.

False-positive results may occur in patients with recent cytomegalovirus infection.

Results from this assay are qualitative only.

CPT Code:

86790 x 2

Day(s) Performed: Wednesday, Friday

Report Available: Same day/1 to 5 days

Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Hantavirus Antibody (IgG, IgM)	FHVGM	37547	Quest Diagnostics

Questions

Contact Kristin Dragomir-Daescu, Laboratory Resource Coordinator at 800-533-1710.