



Zika Virus, PCR, Molecular Detection, Serum

Test ID: VZIKS

Useful for:

Qualitative detection of Zika virus RNA in serum from individuals meeting the Centers of Disease Control and Prevention Zika virus clinical or epidemiologic criteria.

Methods:

Real-Time Reverse Transcription Polymerase Chain Reaction (RT-PCR)/DNA Probe Hybridization

Reference Values:

Negative

Specimen Requirements:

Collection container:

Preferred: Serum gel

Acceptable: Red top

Submission Container: Sterile container

Specimen Volume: 0.5 mL

- Collection Instructions:**
1. Collect whole blood in a serum gel tube.
 2. Centrifuge and aliquot the serum into a sterile container within 6 hours of collection.
 3. Label specimen as serum.

Minimum Volume: 0.25 mL

Note:

Due to similar clinical presentations, testing for RNA or IgM-class antibodies to dengue and chikungunya viruses, concurrently with Zika virus testing, is strongly recommended.

Specimen Stability Information:

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

Cautions:

This assay is for in vitro diagnostic use under the US Food and Drug Administration emergency use authorization only.

Negative Zika virus reverse transcription polymerase chain reaction results do not preclude infection with Zika virus and should not be used as the sole basis for patient treatment or management decisions. All results should be interpreted by a trained professional in conjunction with review of the patient's exposure history and clinical signs and symptoms.

False-negative results may arise from degradation of Zika virus RNA during incorrect shipping or storage and specimen collection after the period that Zika virus RNA is typically found in the patient (7 days after onset of symptoms).

CPT Code:

87662

Day(s) Performed: Tuesday, Thursday

Report Available: Same day / 1 to 5 days

Questions

Contact James Conn, Laboratory Resource Coordinator at 800-533-1710.