TRIOPLEX FOR Zika, Chikungunya, and Dengue (Emergency Use Authorization Only)

Method	Nucleic acid detection by real-time Reverse Transcriptase Polymerase Chain Reaction (qRT-PCR) Centers for Disease Control and Prevention (CDC) FDA approved the method
CPT Code	87801 Molecular amplification, multiple agents 83891 Extraction of highly purified nucleic acid
Specimen	**Contact laboratory prior to sample collection** Serum: 2-4 ml Urine minimum 5 ml
Collect in	Urine: sterile container Serum: vacutainer tube with or without gel
Labeling	Label transport tube with patient's first and last name. Record date and time collected on the tube.
Processing	Indicate specimen source on requisition form
Transport	Store and transport refrigerated (2-8°C) within 24 hours or freeze (-20 ° C)
Sample Rejection	- Mislabeled/unlabeled specimen - Specimen quantity not sufficient for testing (QNS)
Requisition	SNPHL Request Forms Testing is performed only at the request of SNHD Office of Epidemiology
Turn Around Time	7-14 days following receipt in the laboratory
Results	Zika DNA detected (positive) or not detected (negative) [serum and urine] Dengue DNA detected (positive) or not detected (negative) [serum only] Chikungunya DNA detected (positive) or not detected (negative) [serum only]
Reported	System generated fax; Electronic transmission
Note	If inhibitors are present in DNA extraction, PCR assays may produce a false negative result. A false negative result may occur if a sample is improperly collected, transported or handled. False negative results may occur if inadequate numbers of organisms are present in the sample.
Contact	Southern Nevada Public Health Laboratory – Virology Department