

## Test Menu

TOPIC	DESCRIPTION
<b>Test Name</b>	Arbovirus Plaque Reduction Neutralization Test (PRNT)
<b>Other Name (s)</b>	Arbovirus SN
<b>Analyte(s)</b>	eastern equine encephalitis (EEE), St. Louis encephalitis (SLE), dengue (DEN), West Nile (WN), and Zika (ZIK)
<b>Test Code</b>	1520, 1522, 1524, 1536
<b>Lab location</b>	Tampa location
<b>Department</b>	Virology
<b>Prior Authorization</b>	Requires prior approval from Regional Epidemiology and notification to the testing lab. Contact local County Health Department for process of approval.
<b>Required Forms</b>	-Test Requisition Form, DH1847. -Medical history needed (i.e., onset date, collection date, travel history, symptoms, and mosquito bite history).
<b>Specimen Sources</b>	Single or Paired sera*.
<b>Supplemental Information- Special Specimen Preparation</b>	*Paired Sera Collection: 1. First specimen (acute) collected in red top tube 1-3 days after onset of illness. Separate serum and store refrigerated until second specimen is collected. 2. Second specimen (convalescent) collected in red top tube 10-14 days after first specimen. 3. Ship sera together in the most expedient manner possible.
<b>Minimum Volume</b>	0.5 mL
<b>Storage Conditions</b>	Refrigerate specimens at 2-8°C or frozen at ≤-20°C
<b>Collection Media</b>	Vacutainer (red stopper) or serum-separator tube (tiger/red - topped tube)
<b>Specimen Labeling</b>	-Specimen must be labeled with at least two unique patient identifiers, Ex: Name and DOB. -The collection date and time if submitting multiple specimens. <b>-Information on the specimen must match the requisition.</b>
<b>Packaging and Shipping Instructions and Handling</b>	-Specimens must be shipped between (2-8°C) or frozen (≤-20°C) on dry ice. -Separate multiple specimens into different bags (preferred).
<b>Test Methodology</b>	PRNT
<b>Turnaround Time</b>	7 - 21 days
<b>Result Indicator</b>	Titer and interpretation or negative
<b>Unsatisfactory Specimen</b>	Unlabeled or mislabeled specimens, insufficient quantity for testing, incorrect collection tube/transport media, grossly contaminated specimen, disparity between ID on sample and paperwork, improper collection, storage or transport of specimen, no test requested, test requested is not performed. If required, the absence of patient history. If required, the lack of patient history that is compatible with test requested. Test order cancelled by provider, broken, or leaked in transit, etc.
<b>Interferences and Limitations</b>	None
<b>Additional Information &amp; Notes</b>	Date of onset, mosquito exposure, clinical symptoms, and recent travel history is required.
<b>Reference Range</b>	N/A
<b>Reference Lab</b>	CDC if needed
<b>Reflex testing</b>	None

**Note:** If this analysis is selected, regardless of the test code entered, the laboratorian will determine which analytes to run based on the current algorithm and the patient's medical history.