Arbovirus Panel (Encephalitis Viruses)

Test Description	Detection of virus specific IgM and neutralizing antibodies to arbovirus infection. The arbovirus(es) suspected must be specified.
Test use	To aid in the diagnosis of current or past infection with arboviruses
Test Department	Virology Phone: (860) 920-6662, FAX: (860) 920-6661
Methodology	IgM capture ELISA, IgG ELISA, additional procedures as required
Availability	Specimen is referred to the Centers for Disease Control and Prevention in Fort Collins, CO for testing.
Specimen Requirements	0.5 mL serum and/or 1 mL cerebral spinal fluid NOTE: If specimen collection occurs within 8 days after symptom onset, a convalescent serum specimen will be requested. Acute and convalescent serum specimens, if available, should be sent together. Acute specimens should be collected 3-10 days after symptom onset. Collect convalescent specimen 2-3 weeks after acute sample.
Collection kit/Container	To obtain collection kit, refer to Collection Kit Ordering Information
Collection Instructions	Standard venipuncture technique Aseptically obtained spinal fluid
Specimen Handling & Transport	Keep serum cold or frozen Transport with an ice pack coolant
Unacceptable Conditions	Unlabeled specimen Specimens that have leaked or containers that have broken in transit Whole blood
Requisition Form	Clinical Test Requisition (select **Arbovirus Panel (Encephalitis Viruses**)). The arbovirus(es) suspected must be specified.
Required Information	Name and address of submitter (and/or Horizon profile #) Patient name or identifier, town of residence (city, state, zip), date of birth Specimen source/type, date collected, test requested Date of onset of patient symptoms Pertinent travel history (3 months prior to symptom onset) Please ensure patient name on the requisition matches that on the specimen.
Limitations	• Testing requires approval of Epidemiology and Emerging Infections, (860) 509-7994. • If initial serological testing is positive, further confirmatory tests are done which may delay reporting of the final results.
Additional Comments	Testing is limited to those patients exhibiting symptoms and/or travel history consistent with arbovirus infection.

Revision: 8/25/15