

Virus Culture Service

Test Description	Test Method	Specimen Requirements	Turn-Around-Time (If Neg)
Adenovirus culture	Cell culture	Throat washing or swab, nasopharyngeal washing or swab, conjunctival swab, feces, buffy coat, pericardial fluid	3 weeks
Arbovirus culture	Cell culture NAAT	Brain tissue, CSF	3 weeks
California encephalitis virus culture	Cell culture NAAT	Brain tissue, CSF	3 weeks
Coxsackievirus culture	Cell culture	Throat swab, feces, CSF, pericardial fluid	3 weeks
Cytomegalovirus culture	Cell culture	Urine, throat swab, buffy coat, lung tissue, lung aspirate	6 weeks
Eastern equine encephalitis virus culture	Cell culture NAAT	Brain tissue, CSF	3 weeks
Echovirus culture	Cell culture	Throat swab, feces, CSF, pericardial fluid	3 weeks
Encephalitis/Meningitis virus culture	Cell culture	Brain tissue, feces, CSF, throat swab	3 weeks
Enterovirus culture	Cell culture	Throat swab, feces, CSF, pericardial fluid, vesicle scraping	3 weeks
Herpes simplex virus culture	Cell culture	Vesicle scraping, brain biopsy, CSF conjunctival swab	1 to 3 weeks
Influenza virus culture	Cell culture Hen's eggs	Throat washing or swab, nasopharyngeal washing or swab	3 weeks
Mumps virus culture	Cell culture	Throat swab, urine, CSF	3 weeks
Parainfluenza virus culture	Cell culture	Throat washing or swab, nasopharyngeal washing or swab	3 weeks
Poliovirus culture	Cell culture	Throat swab, feces	3 weeks
Respiratory syncytial virus culture	Cell culture	Nasopharyngeal washing or swab	3 weeks
Respiratory virus culture	Cell culture	Throat washing or swab, nasopharyngeal washing or swab	3 weeks
Rubella virus detection	Cell culture PCR	Nasopharyngeal swab and urine	Up to 8 weeks
St. Louis encephalitis virus culture	Cell culture NAAT	Brain tissue, CSF	3 weeks
Varicella-zoster virus culture	Cell culture	Vesicle scraping	4 weeks
Virus isolate identification	By report	Frozen isolate	Varies
Western equine encephalitis virus culture	Cell culture NAAT	Brain tissue, CSF	3 weeks
West Nile Virus	Cell culture NAAT	Brain tissue, CSF	3 weeks

* NAAT – Nucleic Acid Amplification Technique