

Table II - Specimen Guide for Viral Isolation

Syndrome	Causative Agents	throat	lesion	urine	CSF	feces	Other Specimens	Serology	Other Agents
CNS Infection	Enteroviruses	X			X	X	Rectal swab	Useless	Measles (1)
	Herpes Simplex				PCR		Brain biopsy	No	Rabies (1)(2)
	Varicella-Zoster				PCR			No	
	Mumps virus (1)			X	X		Saliva	Mumps IgM	
	West Nile Virus (1)				X		Blood/CSF (serology)	WNV IgG/IgM	St. Louis Encephalitis (1)
Congenital/ Neonatal	Cytomegalovirus	X		X	X		Blood	CMV IgM	Rubella (1)
	Enterovirus	X	X	X	X	X	Rectal swab Amniotic fluid	Useless	Human Parvovirus B-19 (1)
	Varicella Zoster	X	X		PCR				HIV (1)(2)
	Herpes Simplex	X	X		PCR		Scraping for DFA**	HSV IgM	
Genital	Herpes Simplex		X				Scraping for DFA**	No	Human Papilloma Virus (2)
Rash									
<i>Vesicular</i>	Varicella Zoster		X					Acute/Conv.	
	Herpes Simplex Virus		X					No	
<i>Maculopapular</i>	Adenoviruses	X		X		X		No	Rubella (1)
	Enteroviruses	X			X	X	Rectal swab	Useless	Parainfluenza
	Measles/Rubeola (1)	X		X				Acute/Conv.	
	Rubella (1)	X		X			Amnionic Fluid	Rubella IgM	
Respiratory	Adenoviruses	X					Nasopharyngeal	No	
	Enteroviruses	X			X	X	Rectal swab	Useless	
	Influenza virus	X					Nasopharyngeal	No	
	Parainfluenza virus	X					Nasopharyngeal	No	
	Respiratory Syncytial Virus	X					Nasopharyngeal Swab Nasal wash/aspirate Nasopharyngeal smear	No	
Ocular	Herpes Simplex		X				Conjunctival, corneal	No	
	Adenovirus		X				Conjunctival, corneal	No	
Mononucleosis	Cytomegalovirus	X					Whole Blood	CMV IgM	Epstein-Barr Virus (1)
	Epstein-Barr Virus						Culture Not Recommended	Monospot EBV VCA IgM	Hepatitis Viruses (1)(2) <i>Toxoplasma gondii</i>
Gastrointestinal	Adenoviruses					X		No	Norwalk agents (2)
									Rotavirus (2)

(1) Serology is recommended for diagnosis.
(2) Antigen detection methods are available.

**DFA = direct fluorescent antibodies.