

Virological services provided by the NICD

Guide to Virological Tests	
Adenovirus	Measles
Arbovirus	Mumps
Coxsackie	Parainfluenza
Cytomegalovirus (CMV)	Polio
Echovirus	Rabies
Enterovirus	Respiratory Syncytial virus
Influenza	Rubella
Herpes Simplex	Varicella
Human Immunodeficiency virus	Viral Haemorrhagic Fevers

Refer to the abbreviated **Guide to suitable Specimens for Virological Investigations** for suitable specimens for the different tests.

Key to Abbreviations:	
ELISA	Enzyme linked immunosorbent assay
CFT	Complement fixation test
HAI	Haemagglutination inhibition
IF	Immunofluorescence
PCR	Polymerase chain reaction
UD	Urea denaturation

Adenovirus	
Tissue Culture	Yes
Arbovirus	
Serological Test	HAI
Confirmatory Test	IF, CFT, ELISA
Serological Test	Neutralization
Tissue Culture	Yes
Cytomegalovirus	
Tissue Culture	Yes
Supplementary test	CMV pp65
Echovirus	

Tissue Culture	Yes
Enteroviruses	
Tissue Culture	Yes
Influenza	
Supplementary Test	HAI, IF, Egg Inoculation
Tissue Culture	Yes
Herpes Simplex	
Serological Test (HSV-2 IgG only)	ELISA
Tissue Culture	Yes
Human Immunodeficiency Virus	
Serological Test	ELISA
Supplementary Test	Western blot, PCR, p24 antigen, viral load
Measles	
Serological Test	ELISA
Tissue Culture	Yes
Mumps	
Tissue Culture	Yes
Parainfluenza	
Tissue Culture	Yes
Poliomyelitis	
Serological Test	Neutralization
Tissue Culture	Yes
Rabies	
Serological Test	IF
Confirmatory Test	Mouse inoculation
Respiratory Syncytial Virus	
Tissue Culture	Yes

Rubella	
Serological Test	ELISA
Supplementary Test	UD
Tissue Culture	Yes
Varicella	
Tissue Culture	Yes
Viral Haemorrhagic Fevers	
Serological Test	IF
Confirmatory Test	ELISA, mouse inoculation, PCR
Tissue Culture	Yes