

UCD NVRL Virus Testing Index (alphabetical) Please Print in Colour

**Listed Turnaround Times (TATs) do not exclude faster TATs in some circumstances – e.g. URGENT requests and Outbreaks
Confirmation assays will increase the published TAT in most cases.**

Yellow box: Discuss with NVRL Clinical team before sending sample 01-7164418	IF: Immuno-fluorescence	Sample type: SW = swab: Resp = SP, NPA, BAL: SCD = self-collection device	Frequency: x(n)w = times per week	TAT = total in working days Seasonal TAT Out of Season TAT Batched TAT
Infectious Agent	Testing strategy	Sample type	Frequency	TAT
Adenovirus	Molecular	Serum, stool, Resp, Swab	Resp Daily Swab x2w: Blood/Stool x3w	3 day 5 days Stool/Swab: 5 days Blood: 3 days
Arbovirus screen includes West Nile, Japanese Encephalitis, Yellow Fever, Tick-borne Encephalitis and Dengue Viruses	IF	Clotted blood/serum, CSF	Weekly	
Astrovirus	Molecular	Stool	x3w	5 days
BK polyomavirus	Molecular	Clotted blood/serum, Urine	x2w	5 days
Bocavirus	Molecular	Respiratory	Daily	3 day 5 days
<i>Borrelia burgdorferii</i>	Serology	Clotted blood/serum	Daily	5 days
Chikungunya virus	IF	Clotted Blood	Weekly	
<i>Chlamydia pneumoniae</i>	Molecular	Lower Respiratory Tract	Daily	3 day 5 days
<i>Chlamydia trachomatis</i>	Molecular	Aptima SCD	Daily	5 days
Coronavirus	Molecular	Respiratory, BAL NPA	Daily	3 day 5 days
Crimean Congo Haemorrhagic Fever Virus	Molecular	EDTA whole blood/EDTA plasma Clotted blood/serum	ON REQUEST	
Cytomegalovirus	Serology Molecular: UL97 Sequencing	Serology: Clotted blood/serum EDTA Plasma BAL/Post mortem/Urine Dried Blood Spots (DBS)	Serology/EDTA Plasma: Daily Virion/Serion x1w Molecular x5w: Other x2w UL97 ON REQUEST	Serology: 3-7days 7 days
				Molecular: 5 days Dried Blood Spots: 4-6 weeks
Dengue Virus	Serology Molecular	Clotted blood/serum	Weekly	
Enterovirus (including EV71 EV D68)	Molecular	CSF, Stool, Swab	CSF: Daily other x3w	CSF: 3days
				Molecular: 7 days
Epstein Barr Virus (EBV)	Serology Molecular	Clotted blood/serum EDTA Plasma/whole blood Molecular	Daily	Serology: 3 days
				Molecular: 5 days
Filovirus (Ebola, Marburg)	Molecular	EDTA whole blood serum/plasma	ON REQUEST	
Flavivirus Screen	IF	whole blood	Weekly	

UCD NVRL Virus Testing Index (alphabetical) Please Print in Colour

**Listed Turnaround Times (TATs) do not exclude faster TATs in some circumstances – e.g. URGENT requests and Outbreaks
Confirmation assays will increase the published TAT in most cases.**

includes West Nile, Japanese Encephalitis, Yellow Fever, Tick-borne Encephalitis and Dengue Viruses				
Hantavirus	Serology	Clotted blood/serum	ON REQUEST	
Hepatitis A	Serology Molecular	Clotted blood/serum/EDTA plasma	Serology: Daily Molecular: x1w	Serology: 3 days
				Molecular: 7 days
Hepatitis B	Serology: Molecular Genotyping: Resistance	Clotted blood/serum Serum/EDTA plasma - Molecular	Serology: Daily Confirmation: x2w Molecular: x2w	Serology: 3-7 days
				Molecular: 7days
				Resistance, Genotyping: 20 days
Hepatitis C	Serology: Molecular Genotyping: Resistance	Clotted blood/serum/ EDTA plasma	Serology: Daily Confirmation: x1w Molecular x3w	Serology: 3-7 days
				Molecular: 7 days
				Genotyping & IL-28: 10 days Resistance testing: 20 days
Hepatitis D	Serology	Clotted blood/serum	Daily	3 days
Hepatitis E	Serology Molecular	Clotted blood/serum	Serology: Daily IgG x2w, IgM daily: Molecular x1w	Serology: 3 days – 7 days
				Molecular: 7 days
Herpes Simplex Virus (Type 1 and 2)	Serology Molecular	Clotted blood/serum Swabs, CSF, BAL - Molecular	Serology: Daily BAL/Swabs x2w	CSF: 3 Days
				Serology: 3 days
				Molecular: 5 days
Human Herpesvirus 6 type	Molecular	Clotted blood/serum	x3w	3 days
Human Immunodeficiency Virus	Serology Molecular	Clotted blood/serum EDTA Plasma - Molecular	Serology Daily/x1w Molecular x3w HIV 1 Genotyping HIV 2 (UK Referral)	Serology: 3-7 days
				Molecular: 7 days
				Resistance:15 days – in-house; Tropism (unseparated blood on EDTA)Genotyping: UK referral
Human Metapneumovirus	Molecular	Respiratory NPA	Daily	3 day 5 days
Human Papilloma Virus				No diagnostic test provided
Human T Cell Lymphotropic Virus (HTLV)	Serology	Clotted blood/serum	Serology; Daily Confirmation x1w	3 days 7days
Influenza virus A/B	Molecular	Respiratory	Daily	3 day 5 days
Influenza H5/H7	Molecular	Respiratory	ON REQUEST	
Japanese Encephalitis Virus	IF	Clotted blood/serum	Weekly	7 days
JC polyomavirus	Molecular	CSF, Blood/serum, Urine	Weekly	7 days
Lassa virus	Molecular	Clotted Blood/serum	ON REQUEST	
<i>Leptospira interrogans</i>	Serology	Clotted Blood/serum	x2w UK Referral x2w	4 days 14 days
Measles Virus	Serology Molecular	Clotted blood/serum;	IgG Daily,	Serology 4 -7 days
				Molecular 7 days

UCD NVRL Virus Testing Index (alphabetical) Please Print in Colour

**Listed Turnaround Times (TATs) do not exclude faster TATs in some circumstances – e.g. URGENT requests and Outbreaks
Confirmation assays will increase the published TAT in most cases.**

		Oral Fluid, Urine, swabs, CSF	IgM x1w (acute infections only) Molecular x1w	
MERS CoV (Coronavirus)	Molecular	Respiratory	ON REQUEST	
Molluscum contagiosum				No diagnostic test provided
Monkeypox virus (MPXV)	Molecular	Skin swab, vesicle fluid, throat swab; other samples by arrangement	Daily	3 days
Mumps Virus	Serology Molecular	Oral fluid, throat swab, CSF, clotted blood	IgG: Daily, IgM: x1w CSF: Daily	Serology 5-7 days
				Molecular 7 days
<i>Mycoplasma genitalium</i>	Molecular	Urine, anogenital swab	Daily	5 days
<i>Mycoplasma pneumoniae</i>	Serology Molecular	Clotted blood/ serum: Resp	Serology: IgM IgG daily Molecular: Daily	Serology 3 days
				Molecular 3 day 5 days
<i>Neisseria gonorrhoea</i>	Molecular	Aptima SCD	Daily	5 days
Norovirus	Molecular	Stool	X3w	5 days
ORF virus				No diagnostic test provided
Parainfluenzavirus 1,2,3	Molecular	Respiratory	Daily	3 day 5 days
Parechovirus	Molecular	Respiratory, stool, CSF, swabs	Daily	CSF 3 days
				Other samples 5 days
Parvovirus B19 (Primate erythroparvovirus 1)	Serology Molecular	Amniotic fluid, EDTA Whole Blood, EDTA plasma	X2w	Serology 3 days
				Molecular 5 days
<i>Pneumocystis jirovecii (PJP)</i>	Molecular	BAL: Sputum	x2w	5 days
Poliovirus	Virus Culture	Stool	ON REQUEST	
Respiratory syncytial virus (Human orthopneumovirus)	Molecular	Respiratory, throat swab	Daily	3 day 5 days
Rhinovirus	Molecular	Respiratory, throat swab	Daily	3 day 5 days
Rotavirus	Molecular	Stool	X3w	5 days
Rubella Virus	Serology	Clotted blood, oral fluid, serum	Serology: Daily IgM x1w (maternal blood only) Molecular x1w	Serology 3days 7 days Molecular 7 days
Sapovirus	Molecular	Stool	x3w	5 days
SARS CoV (Coronavirus)	Molecular	BAL, NPA, Sputum Throat swab	UK Referral	
SARS-CoV-2 (Covid-19)	Molecular Serology	Combined NSTS, BAL, Sputum Serum	Molecular: Daily Serology: nucleocapsid Ab	Molecular 3 days Urgent Molecular 24 hours Serology 7 days

UCD NVRL Virus Testing Index (alphabetical) Please Print in Colour

**Listed Turnaround Times (TATs) do not exclude faster TATs in some circumstances – e.g. URGENT requests and Outbreaks
Confirmation assays will increase the published TAT in most cases.**

Syphilis (<i>Treponema pallidum</i>)	Serology	Clotted blood/serum	Serology: Daily Confirmation: x2w	3 days 4-7days
Tick borne Encephalitis Virus (TBEV)	IF	Whole blood	Weekly	7 days
<i>Toxoplasma gondii</i>	Serology	Clotted blood/serum	Serology: Daily ISAGA: x1w UK Referral x2w	Serology 3 days 7 Days 14 days
<i>Trichomonas vaginalis</i>	Molecular	Aptima SCD	Daily	5 days
Varicella Zoster Virus	Serology Molecular	Clotted blood/serum, CSF swabs, vesicular fluid	IgG Daily CSF Daily Other Molecular x2w	Serology: 3-7 days CSF Molecular: 3 days Other Molecular: 5 days
Viral Haemorrhagic Fevers	Molecular	EDTA whole blood	ON REQUEST	
West Nile Virus	IF	Clotted blood/serum, CSF	ON REQUEST	
Yellow Fever Virus	IF	Clotted blood/serum, CSF	Weekly	
Zika Virus	Serology Molecular	Clotted blood/serum, CSF	Weekly	

Gastro Screen (Molecular)	5 days	Occupational Exposure Screen	3 days	Dialysis screen	3 days
Respiratory (Molecular)	3 days 5 days	Immunity Screen	4 days	Antenatal Screen	4 days
STI screen (Molecular)	5 days	HIV/HBV/HCV confirmatory test	4 days	CSF Screen (Molecular)	3 days
Anti-IgG (Serology)	7 days				
HIV & HCV Viral Load – URGENT – Request processed following discussion with NVRL Clinical Team					

Amendments:

CR- 30197: Electron Microscopy (EM) and all references removed; Human papilloma virus, Molluscum contagiosum, ORF virus – no diagnostic test provided

CR-31266: HIV resistance testing is now 'in-house', TAT = 15 days