

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 EM: Electron Microscopy	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
Infected 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/plasma Clotted blood/serum	ON REQUEST	
Cytomegalovirus	Serology Molecular: UL97 Sequencing	Serology: Clotted blood/serum Plasma BAL/Post mortem/Urine Dried Blood Spots (DBS)	Serology/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 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	

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Hantavirus	Serology	Clotted blood/serum	ON REQUEST	
Hepatitis A	Serology Molecular	Clotted blood/serum/plasma	Serology: Daily Molecular: x1w	Serology: 3 days Molecular: 7 days
Hepatitis B	Serology: Molecular Genotyping: Resistance	Clotted blood/serum Serum/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/ plasma	Serology: Daily Confirmation: x1w Molecular x3w	Serology: 3-7 days Molecular: 7 days Genotyping & IL-28: 10 days Resistance testing: 15 days
Hepatitis D	Serology	Clotted blood/serum	Daily	3 days
Hepatitis E	Serology Molecular	Clotted blood/serum	Serology: Daily IgG x1w, IgM x2w: 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 Focus: x1w BAL/Swabs x2w	CSF: 3 Days Serology: 3 days – 7 days Molecular: 5 days
Human Herpesvirus 6 type	Molecular	Clotted blood/serum	x3w	3 days
Human Immunodeficiency Virus	Serology Molecular	Clotted blood/serum Plasma - Molecular	Serology Daily/x1w Molecular x3w HIV 1 Genotyping (UK Referral) HIV 2 (UK Referral)	Serology: 3-7 days Molecular: 7 days , Resistance: 20 days; Tropism (unseparated blood on EDTA) Genotyping: UK referral
Human Metapneumovirus	Molecular	Respiratory NPA	Daily	3 day 5 days
Human Papilloma Virus	EM	Wart tissue		
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; Oral Fluid, Urine, swabs, CSF	IgG Daily, IgM x1w (acute infections only)	Serology 4 -7 days Molecular 7 days

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			Molecular x1w	
MERS CoV (Coronavirus)	Molecular	Respiratory	ON REQUEST	
Molluscum contagiosum	EM	Skin tissue, vesicle fluid	As required	
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: X1w Molecular: Daily	Serology 7 days
				Molecular 3 day 5 days
<i>Neisseria gonorrhoea</i>	Molecular	Aptima SCD	Daily	5 days
Norovirus	Molecular	Stool	X3w	5 days
ORF virus	EM	Skin, tissue, vesicle fluid	As required	
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, plasma	X2w	Serology 3 days
				Molecular 5 days
<i>Pneumocystis jirovecii</i> (PJP)	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
Syphilis (<i>Treponema pallidum</i>)	Serology	Clotted blood/serum	Serology: Daily Confirmation: x2w	3 days 4-7days

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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					