

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 17/09/2018 - 23/09/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	20		12	1	34	9	20	96
Influenza A H1N1 pdm09		14		28		83	4	129
Influenza A H3N2		10		8			1	19
Influenza B	1	2		3	1	5		12
Astrovirus						2		2
Bocavirus						20		20
Metapneumovirus (HMPV)	6	9		5		11		31
Mycoplasma pneumoniae						4	1	5
Norovirus				7		9		16
Parainfluenza 1	2	4		2			1	9
Parainfluenza 3	8	9		5		10	1	33
Parainfluenza 4						3		3
Picornavirus		39					4	43
Respiratory Syncytial Virus (RSV)	1	7	3	2	6	9	1	29
Rhinovirus	31		2	20	2	27		82
Sapovirus						2		2
Varicella Zoster Virus (VZV)	33	1	9		8	14	11	76
Adenovirus	13	8		4		14		39
Enterovirus	2	2	2	1		4	3	14

TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type / Subtype	ID Method	DHB	Specimen Type/ Site	Date Specimen Taken	Age / Sex	Clinical Data
Enterovirus	Coxsackievirus Group A type 2	Seq	Counties Manukau	NPA	23/08/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Skin	26/08/2018	11M/F	Rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Wrist	30/08/2018	1/F	Rash
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPS	16/08/2018	11/M	
Enterovirus	Echovirus type 18	Seq	Southern	CSF	29/08/2018	27D/M	Febrile, rash
Enterovirus	Enterovirus type C109	Seq	Counties Manukau	NPA	22/08/2018	4M/M	
Enterovirus	Enterovirus type C109	Seq	Counties Manukau	NPS	18/08/2018	62/F	

NPA Nasopharyngeal Aspirate
Seq PCR & Sequencing

NPS Nasopharyngeal Swab
CSF Cerebrospinal Fluid

NOTE: During April to September 2018, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php. The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php.

Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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