

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 20/08/2018 - 26/08/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	43		31	34	40	2	2	152
Influenza A H1N1 pdm09		16		24		88	1	129
Influenza A H3N2	1	3		10				14
Influenza B	4	2		7		3		16
Bocavirus						6		6
Metapneumovirus (HMPV)	11	18		6		28	1	64
Mycoplasma pneumoniae						4		4
Norovirus				8		8		16
Parainfluenza 1		2		1	1	2	1	7
Parainfluenza 3	4	3		3	1	5		16
Parainfluenza 4						2		2
Picornavirus		50					3	53
Respiratory Syncytial Virus (RSV)	9	22	17	7	3	22	3	83
Rhinovirus	22		2	17	4	23		68
Rotavirus	2					1		3
Sapovirus						4		4
Varicella Zoster Virus (VZV)	22	3			12	7	5	49
Adenovirus	7	1		7		19	2	36
Enterovirus	1	4		2		7	3	17
Measles	1					1		2
Mumps	2							2

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 B type 2	Seq	Auckland	Faeces	03/08/2018	5/M	Aches & pains, Acute flaccid paralysis (AFP) case
Measles		IgM	Auckland	Serum	20/08/2018	23/M	
Measles		PCR	Waikato	NPS	17/08/2018	1/F	
Mumps		IgM	Auckland	Serum	20/08/2018	23/M	
Mumps		PCR	Waitemata	Buccal swab	23/08/2018	21/F	

IgM IgM ELISA
Seq PCR & Sequencing

NPS Nasopharyngeal Swab
PCR Polymerase Chain Reaction

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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