

VIROLOGY WEEKLY REPORT

ISSN: 1680 (Print)
ISSN: 1179-903 (Online)

2018/27 16 July 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 02/07/2018 - 08/07/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	14		7	10	1			32
Influenza A H1N1 pdm09		19		3		2		24
Influenza A H3N2		2						2
Influenza B		1		1		2		4
Astrovirus				1		3		4
Bocavirus						3		3
Metapneumovirus (HMPV)	5	4		5		1	1	16
Mycoplasma pneumoniae			1			3		4
Norovirus				4		19		23
Parainfluenza 1	4	2		1		7		14
Parainfluenza 2				2				2
Parainfluenza 3	4	3				1		8
Parainfluenza 4						2		2
Picornavirus		49					4	53
Respiratory Syncytial Virus (RSV)	14	31	9	10	12	35	4	115
Rhinovirus	26		3	14	2	16		61
Rotavirus	1							1
Sapovirus						8		8
Varicella Zoster Virus (VZV)	17	3	5		15	14	5	59
Adenovirus	7	6	2	2		9		26
Enterovirus	3	3			1	2	2	11
Measles	1							1
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 A type 2	Seq	Counties Manukau	NPA	05/06/2018	9M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Mouth	14/06/2018	1/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	14/06/2018	1M/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	15/06/2018	1M/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPA	16/06/2018	1M/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPA, CSF	04/06/2018	7D/F	
Enterovirus	Echovirus type 5	Seq	Taranaki	CSF, faeces	05/06/2018	3D/F	
Measles		PCR	Counties Manukau	IgM	30/06/2018	7M/M	Rash Fever
Mumps		IgM	Waikato	Serum	04/07/2018	15/M	Parotitis
Mumps		PCR	Waikato	Buccal swab	29/06/2018	16/M	Painful swelling R parotid gland

NPA Nasopharyngeal Aspirate

IgM IgM ELISA

Seq PCR & Sequencing

CSF Cerebrospinal Fluid

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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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