

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 15/10/2018 - 21/10/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	6		2	1	3	7	2	21
Influenza A H1N1 pdm09		3		3		8		14
Influenza A H3N2		3		4				7
Influenza B	3	1	1	2		2		9
Astrovirus						3		3
Bocavirus						11		11
Metapneumovirus (HMPV)	5	3		4		7		19
Mycoplasma pneumoniae						4		4
Norovirus				4		10		14
Parainfluenza 1				2				2
Parainfluenza 2	2							2
Parainfluenza 3	6	9	1	3	1	11		31
Parainfluenza 4						2		2
Parvovirus						1		1
Picornavirus		38					1	39
Respiratory Syncytial Virus (RSV)	1	2	1			4		8
Rhinovirus	28			13	2	20		63
Rotavirus						1		1
Varicella Zoster Virus (VZV)	24	2	9		8	10	10	63
Adenovirus	10	7	2	2		10		31
Enterovirus	1	7		2		8	2	20

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 6	Seq	Southern	Skin	18/09/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Arm	18/09/2018	27/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Natal cleft	23/09/2018	2/F	Rash
Enterovirus	Echovirus type 18	Seq	Southern	CSF	12/09/2018	27D/F	Sepsis

Seq PCR & Sequencing

CSF Cerebrospinal Fluid

NOTE: During April to October 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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