

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 11/06/2018 - 17/06/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1		2	2	3	1	2		11
Influenza A H1N1 pdm09		2					1		3
Influenza A H3N2		1							1
Influenza B	1				2				3
Astrovirus							3		3
Metapneumovirus (HMPV)	3	4			5		7		19
Mycoplasma pneumoniae			1						1
Norovirus					9		1		10
Parainfluenza 1	2	1			4		2	1	10
Parainfluenza 3	1								1
Parainfluenza 4							1		1
Parechovirus							1		1
Picornavirus		34						4	38
Respiratory Syncytial Virus (RSV)	9	12	8	1	4	9	13	1	57
Rhinovirus	24				26		25		75
Rotavirus	2						2		4
Sapovirus							12		12
Varicella Zoster Virus (VZV)	20	2	10			13	8	8	61
Adenovirus	9				1		3		13
Enterovirus	2	5			4	1	10		22
Mumps	1		6				1		8

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	Canterbury	Swab	30/03/2018	2/M	Rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Swab	23/05/2018	29/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Nelson Marlborough	Swab	24/05/2018	7M/F	Rash
Enterovirus	Coxsackievirus Group B type 1	Seq	Counties Manukau	NPA	25/05/2018	8M/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	26/05/2018	23D/M	
Enterovirus	Echovirus type 11	Seq	Counties Manukau	NPA	08/05/2018	1/M	
Enterovirus	Echovirus type 20	Seq	Counties Manukau	CSF	26/05/2018	6D/M	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	08/05/2018	4M/F	
Enterovirus	Enterovirus type 68	Seq	Canterbury	NPS	25/05/2018	5/M	
Mumps		PCR	Capital and Coast	Buccal swab	09/06/2018	32/M	
Mumps		PCR	Counties Manukau	Buccal swab	12/06/2018	15/F	
Mumps		PCR	Waikato	Buccal swab	09/11/2016	41/M	Parotid swelling
Mumps		PCR	Waikato	Buccal swab	09/06/2018	17/M	Unilateral parotitis
Mumps		PCR	Waikato	Buccal swab	11/06/2018	48/F	Parotitis
Mumps		PCR	Waikato	Buccal swab	13/06/2018	19/M	
Mumps		PCR	Waikato	Mouth	11/06/2018	12/F	
Mumps		PCR	Waikato	Mouth	11/06/2018	43/F	Mumps contact

NPA Nasopharyngeal Aspirate
Seq PCR & Sequencing

NPS Nasopharyngeal Swab
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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