

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 25/06/2018 - 01/07/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	7		5	1	7				20
Influenza A H1N1 pdm09		7			2				9
Influenza A H3N2		3			1				4
Influenza B		1	1		1	1			4
Astrovirus							2		2
Metapneumovirus (HMPV)	7	12			2		2		23
Mycoplasma pneumoniae						1	1		2
Norovirus					7		18		25
Parainfluenza 1	4	1			7		6		17
Parainfluenza 2	4								4
Parainfluenza 3	3	1			1				5
Parainfluenza 4	1						2		3
Parechovirus							2		2
Parvovirus							1		1
Picornavirus		32						1	33
Respiratory Syncytial Virus (RSV)	21	20	9	11	7	19	18	2	107
Rhinovirus	25				19		19		63
Rotavirus							2		2
Sapovirus							6		6
Varicella Zoster Virus (VZV)	12		3			13	13	5	46
Adenovirus	8	3			4		1	1	17
Enterovirus	4	6	1		2	1	4	2	20
Mumps	2		1						3

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
Adenovirus	Type 3	Seq	Taranaki	NPS	30/05/2018	6/M	
Adenovirus	Type 4	Seq	Capital and Coast	Eye	04/06/2018	29/F	
Adenovirus	Type 4	Seq	Nelson Marlborough	Eye	07/06/2018	61/F	Conjunctivitis
Adenovirus	Type 4	Seq	Southern	Sputum	31/05/2018	44/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Mouth	25/05/2018	7M/F	Ulcers
Enterovirus	Coxsackievirus Group A type 9	Seq	Southern	Swab	31/05/2018	80/M	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	27/04/2018	3 Y/M	
Enterovirus	Enterovirus type 68	Seq	Southern	Swab	01/06/2018	29/F	
Mumps		IgM	Counties Manukau	Serum	23/06/2018	6/M	
Mumps		IgM	Counties Manukau	Serum	26/06/2018	26/M	
Mumps		PCR	Waikato	Mouth	26/06/2018	15/F	Swollen parotid gland

IgM IgM ELISA
 Seq PCR & Sequencing
 PCR Polymerase Chain Reaction

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

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