

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 22/10/2018 - 28/10/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	4		5		1	7	5	22
Influenza A H1N1 pdm09				6		7		13
Influenza A H3N2		3		2			2	7
Influenza B	1	2		2				5
Astrovirus						1		1
Bocavirus						2		2
Metapneumovirus (HMPV)	4	3		1		2		10
Mycoplasma pneumoniae						4		4
Norovirus						6		6
Parainfluenza 1	2	1		1		1		5
Parainfluenza 3	7	5	1			13	1	27
Parainfluenza 4						1		1
Picornavirus		23					3	26
Respiratory Syncytial Virus (RSV)	5	3				1	1	10
Rhinovirus	28			6	2	19		55
Rotavirus	3					2		5
Sapovirus						2		2
Varicella Zoster Virus (VZV)	12		11		15	8	4	50
Adenovirus	19	4		2		12		37
Enterovirus	3	1		1	2	4	3	14
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
Adenovirus	Type 2	Seq	Southern	NPA	08/10/2018	11M/F	Fever, irritable
Adenovirus	Type 3	Seq	Southern	NPA	29/09/2018	2M/M	Seizures
Adenovirus	Type 4	Seq	Canterbury	Left Eye	24/09/2018	77/F	
Adenovirus	Type 4	Seq	Canterbury	Eye Swab	24/09/2018	7Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	Southern	Sputum	10/10/2018	86/F	
Enterovirus	Coxsackievirus Group A type 5	Seq	Southern	NPA	03/10/2018	4M/M	Bronchiolitis
Enterovirus	Coxsackievirus Group B type 5	Seq	Counties Manukau	CSF	03/10/2018	1M/M	
Enterovirus	Echovirus type 18	Seq	Nelson Marlborough	CSF	01/10/2018	26/F	
Enterovirus	Echovirus type 18	Seq	Nelson Marlborough	CSF	29/09/2018	35/F	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	28/09/2018	25/F	
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2018	18/F	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	19/10/2018	17/M	

NPA Nasopharyngeal Aspirate  
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](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](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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