

# VIROLOGY WEEKLY REPORT

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

2018/31 13 August 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 30/07/2018 - 05/08/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	29		24	11	15	2		81
Influenza A H1N1 pdm09		31		30		23		84
Influenza A H3N2		10		3				13
Influenza B	3	1		7		2		13
Astrovirus						2		2
Bocavirus			1			5		6
Coronavirus			1					1
Metapneumovirus (HMPV)	8	6		8		16	1	39
Mycoplasma pneumoniae			1			6		7
Norovirus				7		26		33
Parainfluenza 1	7	11		3		5		26
Parainfluenza 2				1				1
Parainfluenza 3	3	3		5				11
Parainfluenza 4						1		1
Picornavirus		39					5	44
Respiratory Syncytial Virus (RSV)	16	26	20	14		23	2	101
Rhinovirus	17		1	23	1	18		60
Rotavirus						1		1
Sapovirus						2		2
Varicella Zoster Virus (VZV)	22		7		11	13	4	57
Adenovirus	15	10	6	11	1	8	2	53
Enterovirus	1	2	2	1	1	1	3	11

## 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	17/07/2018	1/M	
Adenovirus	Type 3	Seq	Taranaki	Nose	13/07/2018	6/F	Flu-Like Illness
Adenovirus	Type 4	Seq	Canterbury	Eye	09/07/2018	22/F	Red eye, sore throat
Adenovirus	Type 4	Seq	Canterbury	Nose	15/07/2018	79/F	
Adenovirus	Type 4	Seq	Taranaki	NPS	11/07/2018	19/M	
Adenovirus	Type 4	Seq	Capital and Coast	Eye	29/06/2018	59/F	Conjunctivitis
Adenovirus	Type 4	Seq	Southern	Eye	17/07/2018	77/F	
Adenovirus	Type 4	Seq	Southern	Throat	18/07/2018	5/M	
Adenovirus	Type 37	Seq	Capital and Coast	Eye	27/06/2018	32/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 5	Seq	Counties Manukau	NPA	07/07/2018	1M/F	
Enterovirus	Coxsackievirus Group A type 5	Seq	Counties Manukau	NPA	08/07/2018	6M/F	
Enterovirus	Coxsackievirus Group A type 5	Seq	Counties Manukau	NPS	03/07/2018	32/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Face	08/07/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Throat	06/07/2018	28/M	
Enterovirus	Coxsackievirus Group A type 10	Seq	Counties Manukau	NPS	25/06/2018	9/M	
Enterovirus	Coxsackievirus Group B type 1	Seq	Counties Manukau	NPS	05/07/2018	4/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	30/06/2018	6/M	
Enterovirus	Echovirus type 18	Seq	MidCentral	Throat	15/06/2018	43/M	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	22/06/2018	30/M	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	01/07/2018	7/F	

NPA Nasopharyngeal Aspirate  
Seq PCR & Sequencing

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](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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