

# VIROLOGY WEEKLY REPORT

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2018/3 07 February 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 15/01/2018 - 21/01/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3							3
A H1N1 pdm09						1		1
Influenza A H3N2		3						3
Influenza B	2	4	1		1		1	9
Metapneumovirus	1							1
Mycoplasma pneumoniae			2			3		5
Norovirus				20		3		23
Parainfluenza 3	1	2						3
Parvovirus						1		1
Picornavirus		9					1	10
Respiratory Syncytial Virus (RSV)	2					1		3
Rhinovirus	12			6		3		21
Rotavirus	3							3
Sapovirus						2		2
Varicella Zoster Virus (VZV)	24	5	5		11	5	10	60
Adenovirus	11	7	6			1	2	27
Enterovirus		3	2	10	1	3	1	20
Mumps	10		2					12

**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 7	Seq	Canterbury	Faeces	31/12/2017	10/M	
Adenovirus	Type 7	Seq	Canterbury	NPS	21/12/2017	4/M	
Adenovirus	Type 3	Seq	Hawke's Bay	Eye	20/12/2017	54/F	Conjunctivitis
Adenovirus	Type 3	Seq	Southern	Eye	15/12/2017	39/F	Red eye
Adenovirus	Type 4	Seq	Southern	Eye	28/12/2017	24/M	Red eye
Adenovirus	Type 4	Seq	Southern	Swab	17/12/2017	3/F	Conjunctivitis, febrile
Adenovirus	Type 7	Seq	Southern	Eye	14/12/2017	48/F	Conjunctivitis
Adenovirus	Type 3	Seq	West Coast	Throat	26/12/2017	19/M	
Enterovirus	Echovirus type 30	Seq	Canterbury	NPS	13/12/2017	4/F	
Enterovirus	Coxsackievirus Group A type 10	Seq	Counties Manukau	Throat	10/12/2017	7/M	
Enterovirus	Coxsackievirus Group A type 2	Seq	Counties Manukau	NPA	29/11/2017	1/M	
Enterovirus	Echovirus type 30	Seq	Counties Manukau	CSF	06/12/2017	3W/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Hawke's Bay	Ear	12/12/2017	42/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Hawke's Bay	Throat	27/12/2017	20/F	Ulcers
Enterovirus	Echovirus type 30	Seq	Nelson Marlborough	CSF	27/12/2017	18/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Gluteal Swab	29/12/2017	1/F	Rash, URTI
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Palm Lesion	28/12/2017	2/F	Rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Swab	13/12/2017	9/F	Fever, rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Throat	23/12/2017	19/M	Rash, sore throat
Enterovirus	Echovirus type 30	Seq	Taranaki	Throat, Faeces	07/12/2017	35/M	
Enterovirus	Echovirus type 30	Seq	Waikato	CSF	29/11/2017	15/F	febrile, headache, vomiting
Enterovirus	Echovirus type 30	Seq	Waikato	CSF	04/12/2017	32/M	Meningitis
Mumps		IgM	Auckland	Serum	11/01/2018	15/M	Swollen parotid
Mumps		IgM	Auckland	Serum	11/01/2018	24/F	
Mumps		PCR	Auckland	Buccal swab	12/01/2018	29/F	
Mumps		PCR	Auckland	Buccal swab	14/01/2018	28/F	
Mumps		IgM	Counties Manukau	Serum	11/01/2018	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	11/01/2018	13/M	
Mumps		PCR	Counties Manukau	Buccal swab	13/01/2018	12/M	
Mumps		PCR	Counties Manukau	Buccal swab	15/01/2018	19/M	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	16/01/2018	18/M	
Mumps		IgM	Waikato	Serum	12/01/2018	58/M	

Mumps		PCR	Waikato	Throat	12/01/2018	18/M	Parotid swelling
Mumps		IgM	Waitemata	Serum	11/01/2018	42/F	

NPA Nasopharyngeal Aspirate  
 IgM IgM ELISA  
 Seq PCR sequencing

NPS Nasopharyngeal Swab  
 CSF Cerebrospinal Fluid  
 PCR Polymerase Chain Reaction

Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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