

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 30/10/2017 - 05/11/2017

## 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
Influenza A H1N1 pdm09		1				1		2
Influenza A H3N2		1		6				7
Influenza B						2		2
Metapneumovirus (HMPV)	2	6	1			1	1	11
Mycoplasma pneumoniae			2			1		3
Norovirus				15		9		24
Parainfluenza 3	5	3	1		1	1	2	13
Parechovirus						1		1
Parvovirus						1		1
Picornavirus		57					3	60
Respiratory Syncytial Virus (RSV)	3	5	2		3	5	1	19
Rhinovirus	13			4	2	16		35
Rotavirus	3							3
Varicella Zoster Virus (VZV)	30	1	11		5	9	12	68
Adenovirus	9	15	2	5		5	4	40
Enterovirus	4	6	6	3	1	7	5	32
Mumps	31		1			7		39

**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 1	Seq	Canterbury	NPS	11/10/2017	5/M	
Adenovirus	Type 2	Seq	Southern	NPA	15/10/2017	1Y/F	
Adenovirus	Type 4	Seq	Auckland	NPS	12/10/2017	19/M	
Adenovirus	Type 4	Seq	Canterbury	Eye	09/10/2017	21/M	
Adenovirus	Type 4	Seq	Canterbury	Swab	12/10/2017	18/M	
Adenovirus	Type 4	Seq	Canterbury	Swab	15/10/2017	62/F	
Adenovirus	Type 4	Seq	Nelson Marlborough	Swab	11/10/2017	28/F	
Adenovirus	Type 4	Seq	Southern	Eye	15/10/2017	44 Y/M	
Adenovirus	Type 4	Seq	Southern	Eye	17/10/2017	43 Y/F	
Adenovirus	Type 4	Seq	Southern	Eye	15/10/2017	26/M	Conjunctivitis, fever, sore throat
Adenovirus	Type 4	Seq	Southern	Throat	18/10/2017	19/F	Ulcers
Adenovirus	Type 7	Seq	West Coast	NPS	08/10/2017	5/M	Fever
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Swab	24/09/2017	3 Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	Southern	CSF	06/10/2017	31 Y/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	Southern	NPS	10/10/2017	7/F	Fever, sore throat
Enterovirus	Echovirus type 30	Seq	Taranaki	Throat	11/10/2017	31/M	
Enterovirus	Enterovirus type 68	Seq	Southern	NPS	12/10/2017	24/M	
Mumps		PCR	Auckland	Buccal swab	01/11/2017	14/M	Parotitis
Mumps		PCR	Auckland	Buccal swab	01/11/2017	22/F	
Mumps		PCR	Counties Manukau	Buccal swab	26/10/2017	18/F	Swollen behind ear
Mumps		PCR	Counties Manukau	Buccal swab	27/10/2017	26/F	
Mumps		PCR	Counties Manukau	Buccal swab	27/10/2017	8/F	
Mumps		PCR	Counties Manukau	Buccal swab	28/10/2017	23/M	
Mumps		PCR	Counties Manukau	Buccal swab	30/10/2017	23/M	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	30/10/2017	44/M	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	31/10/2017	16/F	
Mumps		PCR	Counties Manukau	Buccal swab	31/10/2017	24/M	
Mumps		PCR	Counties Manukau	Buccal swab	01/11/2017	36/F	
Mumps		PCR	Counties Manukau	Buccal swab	02/11/2017	4/F	
Mumps		PCR	Counties Manukau	Buccal swab	17/10/2017	17/F	
Mumps		PCR	Counties Manukau	Mouth	27/10/2017	14/M	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	28/10/2017	18/F	
Mumps		PCR	Counties Manukau	Swab	26/10/2017	21/F	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	27/10/2017	27/F	
Mumps		PCR	Counties Manukau	Swab	30/10/2017	25/M	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	31/10/2017	8/M	
Mumps		PCR	MidCentral		31/10/2017	14/M	
Mumps		IgM	Southern	Serum	24/10/2017	20/M	

Mumps		PCR	Waikato	Swab	02/11/2017	24/F	
Mumps		PCR	Waitemata	Buccal swab	28/10/2017	23/M	
Mumps		PCR	Waitemata	Buccal swab	30/10/2017	18/F	
Mumps		PCR	Waitemata	Buccal swab	30/10/2017	20/M	Swollen face
Mumps		PCR	Waitemata	Buccal swab	31/10/2017	21/M	
Mumps		PCR	Waitemata	Buccal swab	31/10/2017	45/F	
Mumps		PCR	Waitemata	Buccal swab	31/10/2017	64/M	
Mumps		PCR	Waitemata	Buccal swab	01/11/2017	20/F	
Mumps		PCR	Waitemata	Buccal swab	01/11/2017	21/F	Parotitis
Mumps		PCR	Waitemata	Buccal swab	01/11/2017	60/M	
Mumps		PCR	Waitemata	Throat	27/10/2017	15/U	Swollen face
Mumps		PCR	Waitemata	Throat	02/11/2017	7/M	
Mumps		IgM	West Coast	Serum	25/10/2017	64/M	
Mumps		IgM	Whanganui	Serum	02/11/2017	29/F	
Mumps		PCR	Whanganui		28/10/2017	19/M	
Mumps		PCR	Whanganui		28/10/2017	21/M	
Mumps		PCR	Whanganui		31/10/2017	25/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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