

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 16/10/2017 - 22/10/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1				1	2		4
Influenza A H1N1 pdm09				8		4		12
Influenza A H3N2				12			1	13
Influenza B	1	4		8	1	1		15
Bocavirus						3		3
Metapneumovirus (HMPV)	7	15	3	10		3		38
Mycoplasma pneumoniae						2		2
Norovirus				40		9		49
Parainfluenza 2				2				2
Parainfluenza 3	11	6		13	1	2	3	36
Parainfluenza 4						3		3
Parvovirus						7		7
Picornavirus		43					1	44
Respiratory Syncytial Virus (RSV)	1	3	1	16	5	5		31
Rhinovirus	10			33	1	19		63
Rotavirus	2					1		3
Varicella Zoster Virus (VZV)	27	2	10		6	15	6	66
Adenovirus	15	7	2	12	1	7	3	47
Enterovirus		2	9	5	2	9	1	28
Measles	2							2
Mumps	49		2			9		60

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	Canterbury	Swab	07/10/2017	10M/F	
Adenovirus	Type 3	Seq	Canterbury	Swab	26/09/2017	32/F	
Adenovirus	Type 3	Seq	Canterbury	Eye swab	27/09/2017	1/F	Conjunctivitis
Adenovirus	Type 4	Seq	Canterbury	Not stated	11/09/2017	36/M	
Adenovirus	Type 4	Seq	Canterbury	Eye swab	26/09/2017	28/F	
Adenovirus	Type 4	Seq	Canterbury	NPS	04/10/2017	55/M	
Adenovirus	Type 4	Seq	Canterbury	NPS	06/10/2017	5/M	
Adenovirus	Type 7	Seq	Canterbury	NPS	07/10/2017	50/M	
Adenovirus	Type 7	Seq	Canterbury	Swab	09/10/2017	32/F	
Adenovirus	Type 7	Seq	Canterbury	Nasal swab	13/09/2017	25/F	
Adenovirus	Type 7	Seq	Canterbury	NPS	07/10/2017	1/M	Cellulitis, conjunctivitis
Adenovirus	Type 4	Seq	Southern	Nasal	27/09/2017	22 Y/M	
Adenovirus	Type 4	Seq	Southern	Swab	21/09/2017	20 Y/M	
Adenovirus	Type 4	Seq	Southern	Eye	05/10/2017	8 Y/F	
Adenovirus	Type 7	Seq	Southern	NPA	02/10/2017	3 M/M	
Adenovirus	Type 3	Seq	Tairāwhiti	NPS	03/10/2017	8/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Chin Swab	05/10/2017	2/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Counties Manukau	Finger swab	03/10/2017	8M/M	
Enterovirus	Echovirus type 30	Seq	Nelson Marlborough	CSF	06/10/2017	27 D/M	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	19/09/2017	1/M	
Measles		PCR	Counties Manukau	Swab	13/10/2017	4/F	Rash, Fever
Measles		PCR	Counties Manukau	Throat	19/10/2017	2/F	Rash
Mumps		PCR	Auckland	Buccal swab	11/10/2017	14/F	Inflamed tonsil
Mumps		PCR	Auckland	Buccal swab	13/10/2017	14/M	
Mumps		PCR	Auckland	Buccal swab	13/10/2017	17/F	Parotid swelling
Mumps		PCR	Auckland	Buccal swab	13/10/2017	8/F	
Mumps		PCR	Auckland	Buccal swab	15/10/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	16/10/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	16/10/2017	25/M	Parotitis
Mumps		PCR	Auckland	Buccal swab	17/10/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	17/10/2017	50/F	
Mumps		PCR	Auckland	Swab	14/10/2017	19/F	Parotitis
Mumps		PCR	Auckland	Swab	17/10/2017	18/M	Parotid swelling
Mumps		PCR	Auckland	Swab	18/10/2017	13/M	Parotid swelling
Mumps		PCR	Auckland	Swab	19/10/2017	25/F	
Mumps		IgM	Counties Manukau	Serum	12/10/2017	18/F	
Mumps		IgM	Counties Manukau	Serum	13/10/2017	20/M	
Mumps		IgM	Counties Manukau	Serum	18/10/2017	35/M	
Mumps		PCR	Counties Manukau	Buccal swab	13/10/2017	16/F	Parotid swelling

Mumps		PCR	Counties Manukau	Buccal swab	13/10/2017	20/F	
Mumps		PCR	Counties Manukau	Buccal swab	13/10/2017	38/M	Swollen cheeks
Mumps		PCR	Counties Manukau	Buccal swab	14/10/2017	11/F	
Mumps		PCR	Counties Manukau	Buccal swab	16/10/2017	14/M	Submandibular swelling
Mumps		PCR	Counties Manukau	Buccal swab	16/10/2017	18/M	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	17/10/2017	17/M	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	18/10/2017	19/M	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	18/10/2017	3/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2017	15/F	Swollen parotid glands
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2017	21/M	
Mumps		PCR	Counties Manukau	Mouth	17/10/2017	14/M	Swollen cheeks
Mumps		PCR	Counties Manukau	Swab	13/10/2017	32/M	
Mumps		PCR	Counties Manukau	Swab	14/10/2017	19/M	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	16/10/2017	19/F	Swollen R submandibular
Mumps		PCR	Counties Manukau	Swab	18/10/2017	17/M	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	18/10/2017	25/F	
Mumps		PCR	Counties Manukau	Swab	18/10/2017	7/F	
Mumps		PCR	Counties Manukau	Throat	13/10/2017	25/M	Swollen jaw
Mumps		PCR	Counties Manukau	Throat	16/10/2017	7/F	Neck swelling
Mumps		PCR	Counties Manukau	Throat	17/10/2017	17/F	Parotid swelling
Mumps		PCR	Counties Manukau	Throat	17/10/2017	22/F	
Mumps		PCR	Counties Manukau	Throat	18/10/2017	20/F	
Mumps		PCR	Counties Manukau	Urine	13/10/2017	20/M	
Mumps		PCR	MidCentral		17/10/2017	7/M	
Mumps		PCR	Southern		16/10/2017	21/F	
Mumps		PCR	Southern		16/10/2017	21/M	
Mumps		PCR	Southern		18/10/2017	21/M	
Mumps		PCR	Southern		18/10/2017	22/M	
Mumps		PCR	Waikato	Buccal swab	17/10/2017	18/M	Febrile illness, bilateral parotitis
Mumps		PCR	Waikato	Buccal swab	19/10/2017	11/M	Rash, parotid swelling
Mumps		PCR	Waitemata	Buccal swab	14/10/2017	27/F	
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	17/F	Swollen parotid glands
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	19/M	
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	25/M	Swollen parotid glands
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	29/F	
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	43/M	
Mumps		PCR	Waitemata	Swab	16/10/2017	20/M	
Mumps		PCR	Waitemata	Swab	17/10/2017	43/M	
Mumps		PCR	Waitemata	Swab	19/10/2017	22/F	

Mumps		PCR	Whanganui		16/10/2017	19/F	
Mumps		PCR	Whanganui		20/10/2017	20/F	
Mumps		PCR	Whanganui		20/10/2017	26/M	

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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