

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 18/12/2017 - 24/12/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification						
	LabPlus	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	2						2
Metapneumovirus (HMPV)						1	1
Mycoplasma pneumoniae					2		2
Norovirus			10		7		17
Parainfluenza 2	1						1
Parainfluenza 3	3				5		8
Parainfluenza 4				1	1		2
Parechovirus					1		1
Parvovirus					1		1
Picornavirus						4	4
Respiratory Syncytial Virus (RSV)	3				3		6
Rhinovirus	14				10		24
Rhinovirus			3				3
Rotavirus	1				2		3
Varicella Zoster Virus (VZV)	30	4		4	12	3	53
Adenovirus	16	1	4		7	2	30
Enterovirus	6	5	1	1	8	3	24
Mumps	29	4			2		35

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 3	Seq	Canterbury	Conjunctiva	23/11/2017	48/M	
Adenovirus	Type 3	Seq	Canterbury	Eye	05/12/2017	24/M	
Adenovirus	Type 4	Seq	Canterbury	Eye	28/11/2017	25/F	
Adenovirus	Type 4	Seq	Canterbury	Eye	05/12/2017	71/F	Conjunctivitis
Adenovirus	Type 4	Seq	MidCentral	Swab	06/12/2017	6M/F	Bronchitis
Adenovirus	Type 4	Seq	South Canterbury	Perianal	12/12/2017	1/M	
Adenovirus	Type 4	Seq	Southern	Eye	09/12/2017	52/F	Conjunctivitis
Adenovirus	Type 7	Seq	Canterbury	Nose	05/12/2017	2/M	Febrile
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Foot	05/12/2017	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Finger	04/12/2017	39/F	
Enterovirus	Echovirus type 30	Seq	Taranaki	Faeces	23/11/2017	54/F	
Mumps		IgM	Auckland	Serum	12/12/2017	29/M	
Mumps		IgM	Auckland	Serum	15/12/2017	37/M	Glandular fever
Mumps		IgM	Auckland	Serum	16/12/2017	3/F	
Mumps		IgM	Auckland	Serum	18/12/2017	14/M	
Mumps		IgM	Auckland	Serum	18/12/2017	18/M	
Mumps		IgM	Auckland	Serum	20/12/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	15/12/2017	37/M	
Mumps		PCR	Auckland	Buccal swab	16/12/2017	14/M	Unilateral parotid swelling
Mumps		PCR	Auckland	Buccal swab	16/12/2017	23/M	
Mumps		PCR	Auckland	Buccal swab	19/12/2017	27/M	Left face swelling
Mumps		PCR	Auckland	Buccal swab	21/12/2017	9/F	Left face swelling
Mumps		PCR	Bay of Plenty	Throat	15/12/2017	20/F	
Mumps		PCR	Canterbury	Buccal swab	20/12/2017	27/F	
Mumps		IgM	Counties Manukau	Serum	16/12/2017	25/F	
Mumps		IgM	Counties Manukau	Serum	19/12/2017	11/F	Recurrent parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	14/12/2017	17/F	
Mumps		PCR	Counties Manukau	Buccal swab	14/12/2017	17/M	Unilateral parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	15/12/2017	24/M	
Mumps		PCR	Counties Manukau	Buccal swab	15/12/2017	25/M	
Mumps		PCR	Counties Manukau	Buccal swab	16/12/2017	10/F	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	16/12/2017	13/M	Parotitis
Mumps		PCR	Counties Manukau	Buccal swab	18/12/2017	19/F	Right face swelling
Mumps		PCR	Counties Manukau	Buccal swab	19/12/2017	16/M	Bilateral parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	20/12/2017	14/F	
Mumps		PCR	Counties Manukau	Buccal swab	20/12/2017	15/F	
Mumps		PCR	Counties Manukau	Buccal swab	21/12/2017	33/F	

Mumps		PCR	Counties Manukau	Swab	13/12/2017	14/F	Left face swelling
Mumps		PCR	Counties Manukau	Swab	16/12/2017	13/M	
Mumps		PCR	Counties Manukau	Swab	18/12/2017	17/M	Left face swelling, fever
Mumps		PCR	Counties Manukau	Throat	16/12/2017	14/F	Parotitis
Mumps		PCR	Waikato	Buccal swab	18/12/2017	17/F	
Mumps		PCR	Waikato	Buccal swab	20/12/2017	22/F	
Mumps		PCR	Waikato	Mouth	15/12/2017	9/M	
Mumps		PCR	Waikato	Mouth	21/12/2017	38/F	
Mumps		PCR	Waitemata	Buccal swab	16/12/2017	19/F	Parotitis

IgM
Seq

IgM ELISA
PCR sequencing

PCR Polymerase Chain Reaction

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

Edited by: Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz