

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 16/04/2018 - 22/04/2018

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
Influenza A H1N1 pdm09		2				6		8
Influenza B	1	1				1		3
Astrovirus						1		1
Metapneumovirus (HMPV)		3				2		5
Mycoplasma pneumoniae						3		3
Norovirus				5		1		6
Parainfluenza 1						1		1
Parainfluenza 3	2							2
Parainfluenza 4						3		3
Picornavirus		26					2	28
Respiratory Syncytial Virus (RSV)					5	3		8
Rhinovirus	16			4	1	11		32
Rotavirus	2					2		4
Sapovirus						2		2
Varicella Zoster Virus (VZV)	22	3	5		5	6	9	50
Adenovirus	6	8	3	2		1		20
Enterovirus	3	1	2	1	1	5	3	16
Measles	1		1			1		3
Mumps	4		1			1		6

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	07/04/2018	1/F	
Adenovirus	Type 3	Seq	MidCentral	Eye	26/03/2018	25/F	
Adenovirus	Type 3	Seq	Hawke's Bay	Eye	06/04/2018	56/F	
Adenovirus	Type 4	Seq	Hawke's Bay	Eye	08/04/2018	1/M	
Adenovirus	Type 4	Seq	Taranaki	NPA	21/03/2018	4/M	
Adenovirus	Type 4	Seq	Waikato	Eye	23/02/2018	34/F	
Adenovirus	Type 19	Seq	Southern	Eye	10/03/2018	50/M	Conjunctivitis
Adenovirus	Type 37	Seq	Canterbury	Eye	10/04/2018	18/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin	24/03/2018	25/F	Sores, blisters
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Throat	22/03/2018	1/M	fever, rash, ulcers
Enterovirus	Coxsackievirus Group A type 6	Seq	Counties Manukau	Ankle	16/03/2018	1/M	
Enterovirus	Coxsackievirus Group A type 10	Seq	Southern	Throat	23/03/2018	1 Y/M	
Enterovirus	Coxsackievirus Group A type 21	Seq	Counties Manukau	NPS	18/03/2018	72/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	19/03/2018	13D/M	
Enterovirus	Echovirus type 11	Seq	Tairāwhiti	CSF	17/03/2018	2W/M	
Enterovirus	Echovirus type 11	Seq	Taranaki	Faeces	19/03/2018	1/F	
Measles		IgM	Canterbury	Serum	13/04/2018	42/F	
Measles		PCR	Waikato	NPS	16/04/2018	42/M	
Measles		PCR	Waitemata	Swab	17/04/2018	25/M	
Mumps		PCR	Counties Manukau	Buccal swab	17/04/2018	42/M	Right facial swelling
Mumps		PCR	Counties Manukau	Buccal swab	19/04/2018	51/M	Unilateral parotitis
Mumps		PCR	Southern	swab	15/04/2018	21/F	
Mumps		PCR	Waikato	Buccal swab	17/04/2018	52/F	Parotid swelling, fever
Mumps		IgM	Waitemata	Serum	18/04/2018	5/M	
Mumps		PCR	Waitemata	Buccal swab	14/04/2018	1/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.

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

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