

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 12/03/2018 - 18/03/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	5				2			7
Influenza A H1N1 pdm09		1						1
Influenza A H3N2		3						3
Influenza B	2	3	1		2	2		10
Astrovirus						1		1
Metapneumovirus (HMPV)			1					1
Mycoplasma pneumoniae			1				1	2
Norovirus				9		6		15
Parainfluenza 3	1				1			2
Picornavirus		17					7	24
Respiratory Syncytial Virus (RSV)					3	2		5
Rhinovirus	14				2	16		32
Rhinovirus				4				4
Rotavirus	2							2
Varicella Zoster Virus (VZV)	23	3	11		7	14	6	64
Adenovirus	6	3	7			2	1	19
Enterovirus	2			2	2	9	2	17
Measles						1		1
Mumps	5		3					8

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
Enterovirus	Coxsackievirus Group A type 6	PCR	Southern	Hand	23/02/2018	19/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Tairāwhiti	Hand	11/02/2018	1/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Finger Swab	17/02/2018	32/F	Blistering finger lesion
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin swab	23/02/2018	58/F	Hand rash
Enterovirus	Coxsackievirus Group A type 6	PCR	Counties Manukau	Leg	14/02/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	PCR	Counties Manukau	Foot	22/02/2018	2/M	
Enterovirus	Coxsackievirus Group A type 8	PCR	Counties Manukau	NPA, throat	10/02/2018	5M/M	
Enterovirus	Coxsackievirus Group A type 8	PCR	Counties Manukau	TS	16/02/2018	5M/M	
Enterovirus	Echovirus type 9	Seq	Canterbury	Throat Swab	20/02/2018	34/F	
Enterovirus	Echovirus type 11	PCR	Counties Manukau	NPA, CSF	13/02/2018	1M/M	
Enterovirus	Echovirus type 30	PCR	Southern	CSF	20/02/2018	15/F	
Enterovirus	Enterovirus type 68	PCR	Counties Manukau	NPS	14/02/2018	54/F	
Mumps		PCR	Counties Manukau	Swab	12/03/2018	25/M	
Mumps		PCR	Counties Manukau	Swab	13/03/2018	18/F	Sore jaw
Mumps		IgM	Northland	Serum	06/03/2018	11/F	
Mumps		PCR	Waikato	Buccal swab	09/03/2018	23/M	
Mumps		PCR	Waikato	Buccal swab	09/03/2018	24/M	Parotid swelling
Mumps		PCR	Waikato	Mouth swab	14/03/2018	28/F	
Mumps		PCR	Waitemata	Buccal swab	10/03/2018	11/M	
Mumps		PCR	Waitemata	Buccal swab	12/03/2018	11/M	Parotid swelling

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR sequencing

CSF Cerebrospinal Fluid
 PCR Polymerase Chain Reaction

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

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