

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 02/04/2018 - 08/04/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3							3
Influenza A H1N1 pdm09		1						1
Influenza A H3N2		1						1
Influenza B		1	1		2	2	1	7
Astrovirus						1		1
Metapneumovirus (HMPV)						1		1
Mycoplasma pneumoniae						4		4
Norovirus				3		3		6
Parainfluenza 1	1					3		4
Parainfluenza 3						1		1
Picornavirus		18					2	20
Respiratory Syncytial Virus (RSV)	2	3			1	2	1	9
Rhinovirus	14			4	2	18		38
Rotavirus	1					6		7
Sapovirus						2		2
Varicella Zoster Virus (VZV)	34				10	9	6	59
Adenovirus	8	3	3			3		17
Enterovirus	2	1	1	3		2	1	10
Measles	1					3		4
Mumps	5		5			1		11

## 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	Seq	Canterbury	Arm	12/03/2018	1/F	
Enterovirus	Coxsackievirus Group A type 6	PCR	Southern	Chest	16/03/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Taranaki	Mouth	15/03/2018	1/F	Lesions
Enterovirus	Echovirus type 20	Seq	Bay of Plenty	Swab	11/03/2018	16/M	Sepsis
Measles		PCR	Auckland	Not stated	28/03/2018	18/M	Rash
Measles		IgM, PCR	Canterbury	Serum	04/04/2018	46/F	
Measles		PCR	Southern	Not stated	05/04/2018	21/F	
Measles		PCR	Southern	Not stated	06/04/2018	13M/F	
Mumps		PCR	Counties Manukau	Buccal swab	31/03/2018	26/M	
Mumps		PCR	Counties Manukau	Buccal swab	02/04/2018	15/M	
Mumps		PCR	Southern	Not stated	02/04/2018	29/F	
Mumps		PCR	Waikato	Buccal swab	28/03/2018	56/M	fever, parotid swelling
Mumps		PCR	Waikato	Buccal swab	29/03/2018	39/F	Parotid swelling
Mumps		PCR	Waikato	Buccal swab	29/03/2018	45/F	bilateral jaw swelling
Mumps		PCR	Waikato	Buccal swab	31/03/2018	29/M	
Mumps		PCR	Waikato	Buccal swab	02/04/2018	22/F	Swollen jaw
Mumps		IgM	Waitemata	Serum	03/04/2018	4/F	Cervical swelling
Mumps		PCR	Waitemata	Buccal swab	03/04/2018	21/M	
Mumps		PCR	Waitemata	Swab	31/03/2018	20/F	

IgM            IgM ELISA  
Seq            PCR sequencing

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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