

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 01/04/2019 - 08/04/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	18		6		16	16		56
Influenza A H1N1 pdm09		3		2		7	1	13
Influenza A H3N2		12		2			1	15
Influenza B	5	11						16
Astrovirus						1		1
Bocavirus						1		1
Mycoplasma pneumoniae			1		1			2
Norovirus				9		7		16
Parainfluenza 2	1							1
Parainfluenza 3	3					1		4
Parechovirus						6		6
Picornavirus		20					3	23
Respiratory Syncytial Virus (RSV)	2	5				2		9
Rhinovirus	22			6	2	25		55
Rotavirus	2					1		3
Sapovirus				3				3
Varicella Zoster Virus (VZV)	24		3		11	13	6	57
Adenovirus	4	1	1			8	1	15
Enterovirus	1	3		1	2	6	4	17
Measles	8		1			6		15
Mumps	3		1					4

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	Echovirus type 30	Seq	Southern	CSF	13/03/2019	40/M	Headache
Measles		PCR	Auckland	Buccal swab	31/03/2019	1/M	Rash, fever
Measles		PCR	Auckland		01/04/2019	2/F	
Measles		PCR	Auckland		29/03/2019	1/M	
Measles		PCR	Auckland		31/03/2019	1/M	
Measles		PCR	Auckland		28/03/2019	45/F	
Measles		PCR	Auckland	Swab	29/03/2019	1/M	Rash, Fever
Measles		PCR	Bay of Plenty	NPS	04/04/2019	23/M	Maculopapular rash, fever, cough, Koplics, conjunctivitis,
Measles		PCR	Canterbury		31/03/2019	46/F	
Measles		PCR	Northland	NPS	05/04/2019	1/F	Rash
Measles		PCR	Northland	Swab	01/04/2019	1/F	
Measles		PCR	Northland	Swab	05/04/2019	12/F	Fever, rash, Headache
Measles		PCR	Northland	Throat	01/04/2019	1/M	None Given
Measles		PCR	Waikato	Throat	31/03/2019	1/M	
Measles		PCR	Waitemata	Buccal swab	06/04/2019	11M/F	Conjunctivitis, cough, rash
Measles		PCR	Waitemata	Swab	06/04/2019	1/F	
Mumps		IgM	Counties Manukau	Serum	28/03/2019	3/F	
Mumps		IgM	Counties Manukau	Serum	28/03/2019	4/F	
Mumps		IgM	Counties Manukau	Serum	29/03/2019	2/F	
Mumps		IgM	Waikato	Serum	03/04/2019	10/F	Fever, swollen parotid gland

IgM IgM ELISA
 Seq PCR & Sequencing
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab
 CSF Cerebrospinal Fluid

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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