

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 08/04/2019 - 14/04/2019

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	4		6		8	16		34
Influenza A H1N1 pdm09		2				4	1	7
Influenza A H3N2	3	11		1			1	16
Influenza B	9	13			1		1	24
Bocavirus						2		2
Coronavirus			1					1
Metapneumovirus (HMPV)						2		2
Mycoplasma pneumoniae			1			5		6
Norovirus				16		6		22
Parainfluenza 2	3	1				1		5
Parainfluenza 3						4		4
Parainfluenza 4						2		2
Picornavirus		40					2	42
Respiratory Syncytial Virus (RSV)	3	4				2	1	10
Rhinovirus	19			4	7	34		64
Rotavirus	3					2		5
Sapovirus						6		6
Varicella Zoster Virus (VZV)	26	7	7		10	6	6	62
Adenovirus	7	4				4	1	16
Enterovirus		1	2	3	3	7	5	21
Measles	9		1			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	Southern	Mouth Swab	21/03/2019	1/F	
Enterovirus	Echovirus type 18	PCR	Counties Manukau	NPA	25/03/2019	1M/M	
Enterovirus	Echovirus type 18	Seq	Counties Manukau	CSF	30/03/2019	27/F	
Enterovirus	Echovirus type 18	Seq	Counties Manukau	NPA	26/03/2019	22D/M	
Measles		PCR	Auckland	NPS & Throat Swab	08/04/2019	28/F	
Measles		PCR	Auckland	Throat Swab	08/04/2019	1/F	
Measles		PCR	Bay of Plenty	NPS	09/04/2019	24/F	
Measles		PCR	Bay of Plenty	Nasal swab	11/04/2019	22/F	
Measles		IgM	Counties Manukau	Serum	03/04/2019	18/F	
Measles		IgM	Counties Manukau	Serum	03/04/2019	23/M	
Measles		PCR	Counties Manukau	NPA	11/04/2019	1/M	Fever, rash & conjunctivitis
Measles		PCR	Counties Manukau	Swab	09/04/2019	1/M	
Measles		PCR	Counties Manukau	Whole Blood	05/04/2019	24/F	
Measles		IgM, PCR	Waitemata	Serum	09/04/2019	42/M	Fever, sore throat, cough, malaise, koplik spots

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.

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