

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 18/03/2019 - 24/03/2019

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	6		5		29	19	1	60
Influenza A H1N1 pdm09	2	3				3		8
Influenza A H3N2	7	10					5	22
Influenza B	3	3				3		9
Metapneumovirus (HMPV)	1	1	1			8		11
Mycoplasma pneumoniae						4	1	5
Norovirus				23		7		30
Parainfluenza 1		1						1
Parechovirus						2		2
Picornavirus		20					5	25
Respiratory Syncytial Virus (RSV)	4	4						8
Rhinovirus	34			7	2	25		68
Sapovirus						2		2
Varicella Zoster Virus (VZV)	26		9		13	9	8	65
Adenovirus	5					9	1	15
Enterovirus		2				5	4	11
Measles	6		1			13		20
Mumps	1							1

**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	Counties Manukau	Leg	16/02/2019	1Y/F	
Enterovirus	Echovirus type 3	Seq	Counties Manukau	Throat	25/01/2019	31/M	
Measles		IgM	Auckland	Serum	18/03/2019	1/M	
Measles		IgM, PCR	Auckland	Serum, mouth swab	21/03/2019	25/F	
Measles		PCR	Auckland	CSF, Throat Swab	21/03/2019	2M/F	Fever, rash
Measles		PCR	Auckland	Throat Swab	21/03/2019	27/F	Rash
Measles		PCR	Bay of Plenty	Throat Swab	18/03/2019	1/F	Rash
Measles		PCR	Canterbury	NPS	15/03/2019	20/M	
Measles		PCR	Canterbury	NPS	18/03/2019	12/M	
Measles		PCR	Canterbury	NPS	19/03/2019	5M/M	
Measles		PCR	Canterbury	NPS	20/03/2019	1/F	
Measles		PCR	Canterbury	NPS	21/03/2019	1/F	
Measles		PCR	Canterbury	NPS	23/03/2019	1/M	
Measles		PCR	Canterbury	NPS	23/03/2019	1/M	
Measles		PCR	Canterbury	Not stated	19/03/2019	10/M	
Measles		PCR	Canterbury	Not stated	20/03/2019	1/M	
Measles		PCR	Canterbury	Throat swab	19/03/2019	24/F	
Measles		PCR	Counties Manukau	NPS	18/03/2019	1/M	
Measles		PCR	MidCentral	Nasal swab	17/03/2019	1/F	Rash
Measles		PCR	Northland	NPS	15/03/2019	18/F	Fever, rash
Measles		PCR	Northland	Throat Swab	18/03/2019	1/F	Rash
Mumps		PCR	Counties Manukau	Buccal swab	22/03/2019	39/M	

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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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