

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 20/03/2017 - 26/03/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							TOTAL
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	4							4
Influenza A H1N1 pdm09						1		1
Influenza A H3N2		13	1	3		1		18
Influenza B		1			2	1		4
Astrovirus						1		1
Metapneumovirus (HMPV)		1				2		3
Mycoplasma pneumoniae			1					1
Norovirus				4		6		10
Parainfluenza 3	1	2						3
Parainfluenza 4						1		1
Parechovirus						1		1
Picornavirus		27					2	29
Respiratory Syncytial Virus (RSV)		2			1			3
Rhinovirus	7			1	1	17		26
Rotavirus	1					3		4
Sapovirus						8		8
Varicella Zoster Virus (VZV)	13	2	9		10	6	9	49
Adenovirus	10	4		1				15
Enterovirus	2	3			2	3	1	11
Measles	2							2
Mumps	7							7

**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
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	22/02/2017	71/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	02/03/2017	57/F	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	12/03/2017	84/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	Throat	07/03/2017	17/M	
Influenza	B/Phuket/3073/2013	HAI	Counties Manukau	NPA	13/03/2017	4/F	
Measles		IgM	Waitemata	Serum	23/03/2017	38/F	Daughter with measles
Measles		PCR	Waitemata	Swab	20/03/2017	1/F	Rash
Mumps		IgM	Counties Manukau	Serum	17/03/2017	44/F	
Mumps		PCR	Waikato	Mouth	09/03/2017	43/M	
Mumps		IgM, PCR	Waitemata	Serum, Buccal	17/03/2017	15/F	
Mumps		PCR	Waitemata	Mouth	17/03/2017	13/M	Parotid swelling
Mumps		PCR	Waitemata	Swab	21/03/2017	17/M	Parotid swelling
Mumps		PCR	Waitemata	Throat	23/03/2017	17/M	
Mumps		PCR	Waitemata	Throat	23/03/2017	17/M	

NPA Nasopharyngeal Aspirate  
 IgM IgM ELISA  
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab  
 HAI Haemagglutination Inhibition test

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.

Edited by: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz