

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 30/01/2017 - 05/02/2017

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	2
Influenza A H3N2		3	1	9		3		16
Influenza B		1		5				6
Astrovirus						1		1
Mycoplasma pneumoniae						1		1
Norovirus				15		5		20
Parainfluenza 3							1	1
Parvovirus						1		1
Picornavirus		8						8
Respiratory Syncytial virus		4						4
Rhinovirus	7			3	1	4		15
Rotavirus	7				3			10
Varicella Zoster Virus (VZV)	12	1	7		7	7	5	39
Adenovirus	1	4	1	2		4		12
Enterovirus		1		3		3		7
Measles	4							4
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 6	Seq	Southern	CSF	23/01/2017	28/M	Headache, Meningitis
Enterovirus	Echovirus type 33	Seq	Counties Manukau	CSF	19/01/2017	8/F	
Influenza	A/California/7/2009 (H1N1)	HAI	Cook islands	NPS	05/01/2017	11/F	
Influenza	A/California/7/2009 (H1N1)	HAI	Counties Manukau	NPA	22/12/2016	4/M	
Influenza	A/California/7/2009 (H1N1)	HAI	Counties Manukau	Swab	03/01/2017	64/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	12/12/2016	18/F	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	14/12/2016	19/F	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	14/12/2016	71/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	15/12/2016	72/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	15/12/2016	80/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	21/12/2016	55/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	01/01/2017	72/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	10/01/2017	21/F	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	12/01/2017	3/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	13/01/2017	21/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	NPS	13/01/2017	76/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	Swab	12/12/2016	58/F	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	Swab	06/01/2017	67/M	
Influenza	A/Hong Kong/4801/2014 (H3N2)	HAI	Counties Manukau	Throat	02/01/2017	30/F	
Influenza	B/Phuket/3073/2013	HAI	Counties Manukau	NPS	17/12/2016	76/M	
Influenza	B/Phuket/3073/2013	HAI	Counties Manukau	NPS	14/01/2017	50/F	
Influenza	B/Phuket/3073/2013	HAI	Counties Manukau	Swab	05/01/2017	67/F	
Influenza	B/Brisbane/60/2008	HAI	Lakes	NPS	19/01/2017	8/M	
Influenza	B/Brisbane/60/2008	HAI	Lakes	NPS	19/01/2017	9/F	Cough, fever, myalgia
Influenza	B/Phuket/3073/2013	HAI	Cook islands	NPS	28/12/2016	13/M	
Influenza	B/Phuket/3073/2013	HAI	Cook islands	NPS	28/12/2016	5/M	
Influenza	B/Phuket/3073/2013	HAI	Cook islands	NPS	30/12/2016	35/F	
Measles		IgM		Serum	27/01/2017	3/F	Fever Rash
Measles		IgM	Auckland	Serum	28/01/2017	2/M	
Measles		IgM	Auckland	Serum	28/01/2017	5/F	
Measles		IgM	Counties Manukau	Serum	29/01/2017	8/F	Fever rash

Mumps		PCR	Auckland	Saliva	01/02/2017	13/F	Travelled to Japan
Mumps		IgM	Canterbury	Serum	30/01/2017	59/F	
Mumps		PCR	Counties Manukau	Urine, Parotid swab	31/01/2017	29/M	Clinically Mumps
Mumps		Serology	Counties Manukau	Serum	01/02/2017	46/M	

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR & sequencing
 PCR Polymerase chain reaction

NPS Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test
 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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