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VIROLOGY WEEKLY REPORT

2011/3 27 January 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 17/01/2011 - 23/01/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl					1	1
Influenza A H3N2					3	3
Bocavirus	5					5
Metapneumovirus						0
Mycoplasma Pneumoniae					1	1
Parainfluenza 3						0
Rhinovirus	2				1	3
Rotavirus				2	10	12
Varicella Zoster Virus (VZV)	4	2		1	12	19
Adenovirus	6	1	10			17
Enterovirus	5				2	7
Measles	4					4

This week, Middlemore hospital reported 1 Metapneumovirus , 1 Parainfluenza 3 infection.

TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Adenovirus	Type 1	Seq	SA	NPA	08.12.2010	9 M/M	
Adenovirus	Type 1	Seq	SA	NPA	08.12.2010	6 M/M	
Adenovirus	Type 1	Seq	WK	Not specified		16 M/F	
Adenovirus	Type 3	Seq	WK	Throat	28.10.2010	16 Y/F	Sore throat, conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	05.12.2010	18 M/M	post CVA
Adenovirus	Type 3	Seq	SA	Sputum	07.12.2010	65 Y/M	
Adenovirus	Type 3	Seq	CA	NPA	30.11.2010	13 M/M	
Adenovirus	Type 4	Seq	CB	Eye	09.11.2010	42 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	22.11.2010	24 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	CB	Not specified	07.12.2010	3 Y/M	
Enterovirus	Echovirus type 25	Seq	WK	Faeces	19.11.2010	3 M/M	
Enterovirus	Echovirus type 31	Neut	CA	Faeces	26.12.2010	2 W/M	Meningitis
Influenza B	B/Brisbane/60/2008 - like virus isolated	HAI	CB	Not specified	15.12.2010	8 Y/M	
Measles		IgM	CA	Serum	17.1.2011	11 Y/M	
Measles		IgM	CA	Serum	17.1.2011	17 Y/F	
Measles		IgM	CA	Serum	17.1.2011	14 Y/M	
Measles		IgM	CA	Serum	17.1.2011	12 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Seq PCR Sequencing
 IgM Positive IgM ELISA
 Neut Neutralisation test

NPA Nasopharyngeal Aspirate
 HAI Haemagglutination Inhibition assay

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and Middlemore Hospital and ESR.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group

Institute of Environmental Science & Research Limited
 ESR NCBID - Wallaceville
 66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
 Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

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