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VIROLOGY WEEKLY REPORT

2011/5 09 February 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 31/01/2011 - 06/02/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A					2	2
Influenza A H1N1 swl	5		1			6
Influenza A H3N2			1			1
Mycoplasma Pneumoniae		2			1	3
Parainfluenza 2					1	1
Parainfluenza 3	2					2
Rhinovirus					1	1
Rotavirus	2				4	6
Varicella Zoster Virus (VZV)	4				18	22
Adenovirus	8	1	8			17
Enterovirus	3				1	4
Measles	2			1		3

This week, Middlemore hospital reported 3 Influenza A H1N1 swl, 2 Respiratory Syncytial Virus infections.

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	CA	NPA	26.11.2010	7 M/F	
Adenovirus	Type 1	Seq	CA	NPA	15.12.2010	1 Y/M	Febrile, convulsion
Adenovirus	Type 1	Seq	CA	NPA	29.11.2010	11 M/M	
Adenovirus	Type 1	Seq	CA	NPA	20.11.2010	2 M/M	
Adenovirus	Type 1	Seq	CA	Throat	16.11.2010	36 Y/F	
Adenovirus	Type 2	Seq	CA	NPA	07.12.2010	7 M/M	
Adenovirus	Type 3	Seq	CA	Eye	22.11.2010	56 Y/F	
Adenovirus	Type 3	Seq	CA	Eye	25.11.2010	31 Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	CA	Eye	29.11.2010	19 Y/F	
Adenovirus	Type 3	Seq	CA	Eye	13.12.2010	34 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	CA	Eye	12.11.2010	41 Y/F	
Adenovirus	Type 3	Seq	CA	Eye	11.12.2010	27 Y/F	
Adenovirus	Type 3	Seq	CA	Eye	13.12.2010	35 Y/M	
Adenovirus	Type 3	Seq	CA	Eye	14.12.2010	38 Y/M	
Adenovirus	Type 3	Seq	CA	Eye	13.12.2010	59 Y/M	
Adenovirus	Type 3	Seq	CA	Eye	14.12.2010	46 Y/M	
Adenovirus	Type 3	Seq	CA	NPA	09.12.2010	1 Y/M	
Adenovirus	Type 3	Seq	CB	Pernasal		9 Y/M	
Adenovirus	Type 3	Seq	CA	Eye	01.12.2010	24 Y/M	
Adenovirus	Type 3	Seq	CA	NPS	29.11.2010	36 Y/F	
Adenovirus	Type 3	Seq	TK	Eye	16.12.2010	12 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	08.12.2010	41 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	10.12.2010	33 Y/M	
Adenovirus	Type 3	Seq	CB	Eye		-/U	
Adenovirus	Type 3	Seq	CB	Eye		-/U	
Adenovirus	Type 4	PCR	CA	Eye	09.11.2010	48 Y/M	
Adenovirus	Type 4	PCR	CA	Eye	11.11.2010	33 Y/F	
Adenovirus	Type 4	PCR	CA	Eye	27.11.2010	39 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	CB	Eye		-/U	
Adenovirus	Type 4	PCR	CA	Trachea	30.11.2010	1 Y/M	Pneumonia
Adenovirus	Type 4	PCR	CA	Eye	03.12.2010	80 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CB	Eye		-/U	
Adenovirus	Type 8	Seq	WK	Eye	30.12.2010	69 Y/F	Conjunctivitis
Adenovirus	Type 8	PCR	CA	Eye	01.12.2010	27 Y/M	Severe Conjunctivitis
Adenovirus	Type 8	PCR	CA	Eye	13.12.2010	27 Y/M	
Adenovirus	Type 11	Seq	CA	No specified	07.1.2011	14 Y/F	Post bone marrow transplant

Enterovirus	Echovirus type 25	Seq	WN	CSF	30.11.2010	2 M/F	lethargy, fever, bulging fontanelle wcc 6
Enterovirus	Echovirus type 9	PCR	CA	CSF	23.1.2011	1 Y/M	
Enterovirus	Enterovirus type 71	Seq	CB	Faeces	09.4.2010	4 Y/F	
Influenza A H1N1	A/California/7/200 9 (H1N1) like virus isolated	HAI	CA	NPA	07.1.2011	5 M/M	
Influenza A H3N2	A/Brisbane/10/200 7 (H3N2) - like	HAI	CB	Not stated	18.1.2011	93 Y/M	
Measles		PCR	CA	Swab	28.1.2011	15 Y/M	
Measles		PCR	CA	Serum, Throat	02.2.2011	13 Y/F	
Measles		IgM	WN	Serum	02.2.2011	1 Y/F	

CA: Central Auckland

CB: Canterbury

TK: Taranaki

WK: Waikato

WN: Wellington

Seq PCR Sequencing
NPS Nasopharyngeal Swab
HAI Haemagglutination Inhibition tes

NPA Nasopharyngeal Aspirate
IgM Positive IgM ELISA
CSF Cerebrospinal Fluid

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

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