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## VIROLOGY WEEKLY REPORT

2010/49 15 December 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 6/12/2010 - 12/12/2010

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Mycoplasma Pneumoniae		3		3	4	10
Metapneumovirus					2	2
Parainfluenza 2	3					3
Parainfluenza 3	1	1			1	3
Rhinovirus	2				4	6
Rotavirus	2	3			3	8
Varicella Zoster Virus (VZV)	2	7		1	3	13
Adenovirus	7	2	4			13
Enterovirus		2	2		1	5
Mumps					1	1

This week, Middlemore hospital reported 2 Parainfluenza 3 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	WK	Nasal	29.10.2010	9 M/M	
Adenovirus	Type 2	Seq	CB	NPA	09.11.2010	2 Y/F	
Adenovirus	Type 3	Seq	CA	NPA	05.11.2010	4 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	01.11.2010	37 Y/M	
Adenovirus	Type 3	Seq	WK	Nasal	03.11.2010	7M/M	
Adenovirus	Type 4	Seq	CB	Eye	26.10.2010	62 Y/F	
Adenovirus	Type 4	Seq	WK	Nasal	28.09.2010	47 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	01.11.2010	37 Y/F	
Adenovirus	Type 14	Seq	CA	Sputum	30.10.2010	44 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	WN	Not Specified	17.8.2010	19 M/M	?HFMD, ulcers
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Nasal	10.4.2010	1 M/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	NPA	17.9.2010	1 M/M	
Enterovirus	Echovirus type 17	Neut	CA	NPA	04.10.2010	5 M/M	?pertussis
Enterovirus	Echovirus type 25	Seq	WN	CSF	14.10.2010	4 D/F	lethargy, fatigue, meningitis
Mumps		IgM	CB	Serum	30.11.2010	13Y/F	Tonsillitis, enlarged cx nodes and parotid gland

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Seq PCR Sequencing  
IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate  
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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