



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/19 16 May 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 05/05/2008 - 11/05/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		1			1	2
Influenza B					1	1
Mycoplasma Pneumoniae					1	1
Respiratory Syncytial Virus (RSV)		1				1
Rotavirus	1				2	3
Varicella Zoster Virus (VZV)	3	6			10	19
Adenovirus	2	2			1	5
Enterovirus		3			1	4

In April 2008, Middlemore hospital 4 Respiratory Syncytial Virus and 1 Adenovirus 40/41 infection.

VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 8	Neut	CA	Eye Swab	29.3.2008	57Y/M	Unknown

CA: Central Auckland

Neut	Neutralisation test	IF	Immunofluorescence test
PCR	Polymerase Chain Reaction (DNA)	NPA	Nasopharyngeal Aspirate
RT-PCR	Polymerase Chain Reaction (RNA)	NPS	Nasopharyngeal Swab
IgM	Positive IgM ELISA	HAI	Haemagglutination Inhibition test
IgG	IgG seroconversion	CFT	Complement Fixation Test
ITD	Intratyptic differentiation	CSF	Cerebrospinal Fluid

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

Edited by: Judy Bocacao and Sue Huang, Virology, Communicable Disease Group

VIROLOGY Quarterly report (January to March 2008)

RESPIRATORY VIRUSES

Influenza virus

- 4 influenza viruses were reported from laboratory-based surveillance (2007, 5).
- 2 were identified as influenza A, 1 subtyped as A/H1 from South Auckland.
- 2 were identified as influenza B

Respiratory Syncytial Virus and parainfluenza viruses

- 3 cases of respiratory syncytial virus were reported (2007, 4).
- 5 parainfluenza 1, 3 parainfluenza type 2 and 2 parainfluenza type 3 were reported (2007, 1).

ADENOVIRUSES AND ENTEROVIRUSES

Adenoviruses

- 139 adenoviruses were reported (2007, 125).
- 119 adenoviruses were serotyped as adenovirus type 1 (3), type 2 (5), type 3 (40), type 4 (5), type 5 (3), type 8 (52), type 19 (1), type 37 (1) and untypable (9). Adenovirus type 8 was the predominant serotype.

Enteroviruses

- 29 enteroviruses were reported (2007, 31)
- Echovirus type 6, 7 and 11 were the predominant serotype.
- 14 enteroviruses were serotyped as Coxsackie A10 (1), Coxsackie A16 (1), Echovirus 6 (3), Echovirus 7 (2), Echovirus 11 (3), Echovirus 30 (1), and Enterovirus type 71 (2) .