



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/33 23 August 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 14/08/2006 - 20/08/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	11				38		49
Mycoplasma Pneumoniae		2		1	2		5
Parainfluenza 1					1		1
Parainfluenza 3		1					1
Respiratory Syncytial Virus (RSV)	27	17		5	11		60
Rhinovirus	1						1
Rotavirus	11	4		2	2	1	20
Varicella Zoster Virus (VZV)	2	6			11	1	20
Adenovirus	3		1				4
Enterovirus	2		1	1			4

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 2	IF, Neut	SA	NPA	28.7.2006	5M/F	Unknown
Adenovirus	Type 2	Neut	OT	Not specified	20.7.2006	6 M/M	Tonsillitis
Adenovirus	Type 4	IF, Neut	NW	Eye Swab	24.7.2006	32Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	CB	Eye swab	26.7.2006	30 Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	CB	Eye swab	20.7.2006	47 Y/M	Red eye
Adenovirus	Type 4	Neut	WK	Nasal swab	18.7.2006	4 Y/M	Unwell with fever
Adenovirus	Type 4	Neut	OT	Eye swab	20.7.2006	46 Y/M	Conjunctivitis
Adenovirus	Type 41	IF, Neut	WK	Faeces	04.6.2006	14 Y/M	Diarrhoea
Adenovirus	Type 41	IF, Neut	WK	Faeces	01.6.2006	10 M/F	Unknown
Enterovirus	Echovirus type 3	IF, Neut	WN	NPA	18.7.2006	15 M/F	Bronchitis

CB: Canterbury NW: North West Auckland

OT: Otago

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

RT-PCR Polymerase Chain Reaction (RNA)

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

NPS Nasopharyngeal Swab

HAI Haemagglutination Inhibition test

CFT Complement Fixation Test

CSF Cerebrospinal Fluid

NOTE: During April to September 2006, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php.

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php.

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

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