



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/35 07 September 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 28/08/2006 - 03/09/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1		7		16	1	25
Mycoplasma Pneumoniae		1			5		6
Parainfluenza 1					1		1
Parainfluenza 3					1		1
Respiratory Syncytial Virus (RSV)	13	17		2	5		37
Rotavirus	8	8		3	5		24
Varicella Zoster Virus (VZV)	1	3		1	12	2	19
Adenovirus	1	2			1	2	6
Enterovirus	3				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 1	Neut	CB	Not specified	08.8.2006	20 M/M	
Adenovirus	Type 2	Neut	WK	Nasal swab	27.7.2006	2 M/M	Respiratory Illness
Adenovirus	Type 2	Neut	CA	NPA	28.6.2006	4 M/F	Bronchiolitis
Adenovirus	Type 4	Neut	CB	Not specified	03.8.2006	56 Y/F	
Adenovirus	Type 8	Neut	CA	Eye swab	05.7.2006	29 Y/F	Conjunctivitis

CA: Central Auckland

CB: Canterbury

WK: Waikato

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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