



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/34 31 August 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 22/08/2005 - 28/08/2005

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1	4	1		2		8
Influenza B	1	1			6		8
Mycoplasma Pneumoniae		5		1	10		16
Parainfluenza 2		1					1
Parainfluenza 3	3	1			2		6
Respiratory Syncytial Virus (RSV)	29	16			4		49
Rhinovirus	2						2
Rotavirus		3		1	4	2	10
Varicella Zoster Virus (VZV)	1	3			7	1	12
Adenovirus	2	3			3		8

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	IF, Neut	CA	Throat Swab	08.8.2005	76Y/F	URTI
Adenovirus	Type 2	IF, Neut	CA	NPA	02.8.2005	9M/M	Unknown
Adenovirus	Type 2	IF, Neut	CA	Throat Swab	13.7.2005	37Y/M	Bilateral follicular tonsilitis
Adenovirus	Type 3	Direct IF, Neut	CA	NPA	09.8.2005	10M/M	Recurrent Bronchiolitis
Adenovirus	Type 4	IF, Neut	SA	Eye Swab	31.7.2005	34Y/M	Weepy Eye
Adenovirus	Type 5	IF, Neut	CA	NPA	17.6.2005	22M/F	Unknown
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	NL	Throat Swab	01.8.2005	8Y/M	Unknown
Enterovirus	Echovirus type 25	IF, Neut	CA	Rectal swab	12.7.2005	14M/M	Unknown
Enterovirus	Echovirus type 25	IF, Neut	CA	NPA	17.6.2005	22M/F	Unknown

CA: Central Auckland

NL: Northland

SA: South Auckland

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 2005, 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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