



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/38 29 September 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 19/09/2005 - 25/09/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	2	2	3				7
Influenza B			1			1	2
Mycoplasma Pneumoniae		6		2	6		14
Parainfluenza 3	3	3			3		9
Respiratory Syncytial Virus (RSV)	11	3		2	1	1	18
Rhinovirus	2	4					6
Rotavirus		4		3	2		9
Varicella Zoster Virus (VZV)	1	1			9	3	14
Adenovirus	2	4					6
Enterovirus	1			1			2

## 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 3	Neut	WK	Eye swab	07.9.2005	32 Y/F	
Adenovirus	Type 3	Neut	CB	NPS	02.9.2005	4 Y/F	
Adenovirus	Type 3	Neut	WK	Eye swab	29.8.2005	32 Y/F	
Adenovirus	Type 3	Neut	CB	Conjunctival swab	03.9.2005	34 Y/M	Conjunctivitis
Adenovirus	Type 37	IF, Neut	CA	Eye Swab	18.8.2005	20Y/M	Red Eye
Adenovirus	Type 4	Neut	WK	Nasal swab	30.8.2005	9 Y/M	Unknown
Adenovirus	Type 4	IF, Neut	SA	Eye Swab	04.9.2005	24Y/F	Unknown
Adenovirus	Type 5	IF, Neut	CA	NPA	29.8.2005	5M/F	Respiratory Illness, cellulitis
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	SA	Throat Swab	26.7.2005	24M/F	Lesion on roof of mouth and tongue
Enterovirus	Echovirus type 9	IF, Neut	WK	Throat swab	12.8.2005	30 Y/M	Unknown

CA: Central Auckland

CB: Canterbury

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](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](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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