



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/35 08 September 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 29/08/2005 - 04/09/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	2	2	1		4		9
Influenza B	1	1					2
Mycoplasma Pneumoniae		1		2	4		7
Parainfluenza 3	3	3			2		8
Respiratory Syncytial Virus (RSV)	13	17		1	2	1	34
Rhinovirus		2					2
Rotavirus		3			6	1	10
Varicella Zoster Virus (VZV)	3				11	1	15
Adenovirus	1	2			1		4
Enterovirus	2		1				3

In August 2005, Middlemore hospital reported 35 Respiratory Syncytial Virus (RSV), 38 Rotavirus infections 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 1	Neut	WK	Throat swab	08.8.2005	2 Y/M	Unknown
Adenovirus	Type 3	Neut	WK	Nasal swab	12.8.2005	8 Y/F	Unknown
Adenovirus	Type 3	Neut	CB	Eye swab	15.8.2005	37 Y/F	Red eye
Adenovirus	Type 3	Neut	CB	Throat swab	08.8.2005	23 M/M	Flu-like illness
Adenovirus	Type 3	Neut	CB	Nasal swab	08.8.2005	3 Y/F	
Adenovirus	Type 4	Neut	WK	Eye swab	08.8.2005	34 Y/M	Unknown
Adenovirus	Type 4	Neut	CB	Conjunctival swab	08.8.2005	50 Y/M	
Enterovirus	Echovirus type 25	IF, Neut	HU	Faeces	Not specified	24 D/F	

CB: Canterbury

HU: Hutt

WK: Waikato

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

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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