



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/31 10 August 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 01/08/2005 - 07/08/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A			2				2
Influenza B	1	1	7			1	10
Mycoplasma Pneumoniae		1			7		8
Parainfluenza 2					1		1
Parainfluenza 3	4	1			3		8
Respiratory Syncytial Virus (RSV)	15	27		3	7	2	54
Rhinovirus	2						2
Rotavirus		2			10		12
Varicella Zoster Virus (VZV)	3			1	6	2	12
Adenovirus	5	4			1	2	12
Enterovirus	1		2		1		4
Mumps					2		2

In July 2005, Middlemore hospital reported 33 Respiratory Syncytial Virus (RSV), 2 Rotavirus and 1 Adenovirus 40/41 infections.

## 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	CB	Nasal swab	24.6.2005	8 Y/F	
Adenovirus	Type 3	Neut	OT	Throat swab	25.6.2005	5 Y/M	Lymphadenopathy
Adenovirus	Type 3	Neut	WK	Nasal swab	13.7.2005	6 M/M	Respiratory Illness
Adenovirus	Type 3	Neut	OT	Throat swab	04.7.2005	23 Y/F	Meningitis
Adenovirus	Type 4	Neut	CB	NPA	21.7.2005	1 M/M	
Adenovirus	Type 4	IF, Neut	SA	Eye Swab	11.7.2005	24Y/F	Conjunctivitis
Adenovirus	Type 14	Neut	CA	Eye swab	13.6.2005	36 Y/M	Conjunctivitis
Adenovirus	Type 37	Neut	CB	Eye swab	13.7.2005	55 Y/F	Conjunctivitis
Enterovirus	Echovirus type 27	IF, Neut	CA	Faeces	24.5.2005	3 Y/F	
Enterovirus	Echovirus type 30	IF, Neut	WK	Faeces	06.7.2005	52 Y/M	
Mumps		IgM	CB	Serum	29.7.2005	27Y/F	Unknown
Mumps		IgM	CB	Serum	27.7.2005	28Y/M	Swelling of parotid glands

CA: Central Auckland

CB: Canterbury

OT: Otago

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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