



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/36 15 September 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 05/09/2005 - 11/09/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A		1	2	1			5
Mycoplasma Pneumoniae					9		9
Parainfluenza 3	3	2			1		6
Respiratory Syncytial Virus (RSV)	17	11		1	1	1	31
Rhinovirus		2	2				4
Rotavirus		4			3	1	8
Varicella Zoster Virus (VZV)	1	2			11	1	15
Adenovirus	2	1	2		2		7
Enterovirus	1	1	4		1		7
Mumps					1		1

## 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 2	Neut	CB	Throat swab	19.8.2005	23 M/M	
Adenovirus	Type 2	Neut	CB	NPS	15.8.2005	14 M/F	Fever, lethargy, fatigue
Adenovirus	Type 3	Neut	CB	Conjunctival swab	19.8.2005	34 Y/F	
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	05.8.2005	28Y/F	Unknown
Adenovirus	Type 37	Neut	CB	Eye swab	17.8.2005	4 M/M	
Adenovirus	Type 4	Neut	WK	Eye swab	22.8.2005	40 Y/M	
Adenovirus	Untypable	Neut	CB	Throat swab	19.4.2005	15 M/F	
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Mouth swab	08.6.2005	32 Y/M	Oral ulcers
Enterovirus	Coxsackievirus Group B type 1	IF, Neut	CB	Not specified	03.8.2005	25 Y/M	Crohn's disease/viral myocarditis
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	WK	Throat swab	02.8.2005	23 Y/F	
Enterovirus	Echovirus type 25	IF, Neut	WN	Faeces	24.8.2005	10 M/F	Guillain Barre syndrome
Mumps		IgM	OT	Serum	05.09.2005	33Y/M	Swelling of parotid glands

CA: Central Auckland

CB: Canterbury

WK: Waikato

WN: Wellington

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 Immunofluoresence 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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