



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/39 04 October 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 25/09/2006 - 01/10/2006

## VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1		2		1	2	6
Mycoplasma Pneumoniae		1		2	7		10
Parainfluenza 3	5				1		6
Respiratory Syncytial Virus (RSV)	5				1		6
Rhinovirus	2						2
Rotavirus	5	6		6	10		27
Varicella Zoster Virus (VZV)		2			3		5
Adenovirus	10	1					11
Enterovirus	4			2	1		7
Mumps					1		1

## VIROLOGY 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	Not specified	21.8.2006	9 M/M	Febrile
Adenovirus	Type 3	Neut	CB	Nasal swab	05.9.2006	5 Y/M	
Adenovirus	Type 4	IF	NL	Eye Swab	30.8.2006	56Y/F	Unknown
Enterovirus	Echovirus type 2	Neut, AST	CA	NPA	11.8.2006	5W/F	Respiratory Illness, Complex Heart Disease
Mumps		IgM	OT	Serum	22.9.2006	39Y/F	

CA: Central Auckland

CB: Canterbury

NL: Northland

OT: Otago

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 2006, 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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