



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/38 28 September 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 18/09/2006 - 24/09/2006

## VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A			6		5	1	12
Influenza B					1		1
Mycoplasma Pneumoniae					9		9
Parainfluenza 3	7						7
Respiratory Syncytial Virus (RSV)	5	4		2	5	1	17
Rhinovirus		3					3
Rotavirus	5	5		8	3		21
Varicella Zoster Virus (VZV)	1	3	1		7	1	13
Adenovirus	4					1	5
Enterovirus	2			2			4

## 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	CA	NPA	30.8.2006	9M/F	Unknown
Adenovirus	Type 2	Neut	AK	NPA	26.8.2006	2Y/M	Unknown
Adenovirus	Type 4	Neut	CB	Eye swab	06.9.2006	15 Y/M	
Adenovirus	Type 4	Neut	CA	NPA	23.8.2006	4M/M	Respiratory Illness
Adenovirus	Type 7	Neut	OT	Throat swab	24.8.2006	20 Y/M	Pharyngitis
Adenovirus	Type 7	Neut	OT	Throat swab	12.8.2006	36 Y/M	Pharyngitis
Adenovirus	Untypable	Neut	CB	NPS	26.7.2006	2 Y/M	Cough, fever

AK: Auckland

CA: Central Auckland

CB: Canterbury

OT: Otago

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 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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