



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/28 20 July 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 10/07/2006 - 16/07/2006

## VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	15	14	8		27	3	67
Mycoplasma Pneumoniae		2			4	1	7
Parainfluenza 1	2						2
Respiratory Syncytial Virus (RSV)	7	18		2	6	3	36
Rotavirus	5	4			8		17
Varicella Zoster Virus (VZV)	1	2		2	8		13
Adenovirus					2		2

In June 2006, Middlemore hospital reported 2 Adenovirus 40/41, 4 Influenza A, 11 Respiratory Syncytial Virus (RSV), 4 Rotavirus infections.

## 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 4	Neut	WK	Eye swab	07.6.2006	35 Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	10.5.2006	46 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	11.5.2006	35 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	23.5.2006	59 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	19.5.2006	39 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	27.4.2006	48 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	01.5.2006	68 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye swab	23.4.2006	79 Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	18.4.2006	62 Y/F	Unknown
Enterovirus	Coxsackievirus Group A type 24	IF, Neut	CA	Eye swab	10.5.2006	40 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 24	IF, Neut	CA	Eye swab	20.4.2006	20 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CB	NPA	05.6.2006	2 Y/F	

CA: Central Auckland

CB: Canterbury

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 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).

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Data provided by Virology Laboratories of Auckland, Waikato, Christchurch and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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