



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/36 14 September 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 04/09/2006 - 10/09/2006

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1		9		9	1	20
Mycoplasma Pneumoniae		1		2	10		13
Parainfluenza 1					1		1
Parainfluenza 3	3		1		2		6
Respiratory Syncytial Virus (RSV)	11	5	1	2	4	2	25
Rhinovirus		2					2
Rotavirus	5	13		5	2		25
Varicella Zoster Virus (VZV)	2	4			10	1	17
Adenovirus	5				1		6
Enterovirus	4			2			6

In August 2006, Middlemore hospital reported 37 Respiratory Syncytial Virus (RSV), 8 Influenza A, 51 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	NW	NPA	15.8.2006	24M/F	Unknown
Adenovirus	Type 37	Neut	CA	Eye Swab	14.8.2006	38Y/M	Conjunctivitis
Adenovirus	Type 5	Neut	NW	Eye Swab	16.8.2006	40Y/M	Conjunctivitis
Adenovirus	Type 5	Neut	CA	NPA	14.8.2006	3Y/M	Respiratory Illness
Enterovirus	Coxsackievirus Group A type 24	IF, Neut	CA	Eye swab	09.6.2006	55 Y/F	Conjunctivitis

CA: Central Auckland

NW: North West Auckland

Neut	Neutralisation test	IF	Immunofluoresence 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.

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group