



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/39 06 October 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 26/09/2005 - 02/10/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	3	1	3				7
Influenza B			2				2
Mycoplasma Pneumoniae		2		1	8		11
Parainfluenza 1	1						1
Parainfluenza 2					1		1
Parainfluenza 3	2	1			1		4
Respiratory Syncytial Virus (RSV)	5	4		1	2		12
Rhinovirus		2	2				4
Rotavirus		1		4	3	3	11
Varicella Zoster Virus (VZV)	2			1	5	1	9
Adenovirus	4	2			2		8
Enterovirus	1		1	1	2	1	6
Rubella					1		1

In September 2005, Middlemore hospital reported 6 Adenovirus 40/41, 12 Respiratory Syncytial Virus (RSV), and 79 Rotavirus 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	IF, Neut	CA	Throat Swab	01.9.2005	20Y/F	Pharyngitis
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Cheek swab	18.8.2005	22 M/M	
Enterovirus	Coxsackievirus Group B type 1	IF	CA	NPA	16.9.2005	2W/F	Respiratory Illness
Rubella		IgM	MW	Serum	28.09.2005	57Y/F	

CA: Central Auckland MW: Manawatu

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	Intratypic differentiation	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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