



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/28 20 July 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 11/07/2005 - 17/07/2005

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A					3		3
Influenza B	10	28	12		19	6	75
Mycoplasma Pneumoniae		4		4	2	1	11
Parainfluenza 2					1		1
Parainfluenza 3	3	1			1		5
Respiratory Syncytial Virus (RSV)	10	5		7	12	2	36
Rhinovirus		2					2
Rotavirus					3		3
Varicella Zoster Virus (VZV)		2			7		9
Adenovirus	2					1	3
Enterovirus	7	1					8
Rubella					2		2

In June 2005, Middlemore hospital reported 6 Respiratory Syncytial Virus (RSV), 4 Rotavirus and 3 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 2	Neut	CB	Pernasal	26.6.2005	13 M/F	
Adenovirus	Type 3	Neut	CB	NPS	23.6.2005	6 Y/M	Flu-like illness
Adenovirus	Type 3	Neut	OT	Eye swab	09.6.2005	4 Y/F	Conjunctivitis, fever, rash
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	28.6.2005	14Y/M	Conjunctivitis
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	27.6.2005	35Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	07.5.2005	9 Y/M	Conjunctivitis
Rubella		IgM	WN	Serum	08.7.2005	38Y/F	Unknown
Rubella		IgM	WN	Serum	08.7.2005	82Y/F	Previous positive

CA: Central Auckland

CB: Canterbury

OT: Otago

WK: Waikato

WN: Wellington

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 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.

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.

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