



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2004/36 09 September 2004

A summary of laboratory-diagnosed viral infections of interest for the week of 30/08/2004 - 05/09/2004

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	17	3	2		35	1	67
Influenza B					3	1	4
Rhinovirus			1				1
Respiratory Syncytial Virus (RSV)	10	10		2	9		31
Parainfluenza 1	1						1
Parainfluenza 3	1				1		2
Varicella Zoster Virus (VZV)					4		4
Rotavirus		3			5		8
Mycoplasma Pneumoniae		3			2		5
Adenovirus	4	1				1	6
Enterovirus	1		1	1	1		4

NB: In August Middlemore Hospital reported 10 RSV infections and 30 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
Enterovirus	Coxsackie A virus type 9	IF, Neut	CA	Eye swab	11.08.2004	3Y/M	Conjunctivitis
Enterovirus	Untypable	IF, Neut	WK	Nasal swab	02.7.2004	1 M/F	---

CA: Central Auckland

WK: Waikato

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

RT-PCR Polymerase Chain Reaction (RNA)

IgM Positive IgM ELISA

IgG IgG seroconversion

IF Immunofluoresence test

NPA Nasopharyngeal Aspirate

NPS Nasopharyngeal Swab

HAI Haemagglutination Inhibition test

CFT Complement Fixation Test

NOTE: During May to September 2004, 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.

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