



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/29 24 July 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 14/07/2008 - 20/07/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	23	3	9	1	7	43
Influenza B	25	5	1		2	33
Mycoplasma Pneumoniae		1			3	4
Parainfluenza 1	3					3
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)	19	9		1	4	33
Rotavirus					1	1
Varicella Zoster Virus (VZV)	4	4			11	19
Adenovirus	7	2				9
Enterovirus		1				1

In June 2008, Middlemore hospital identified 1 Rotavirus and 19 Respiratory Syncytial Virus 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 8	Neut	CA	Eye Swab	23.6.2008	54Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	27.6.2008	15Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	19.6.2008	65Y/M	Unknown
Enterovirus	Coxsackievirus Group B type 5	IF	NW	NPA	30.6.2005	9M/F	Respiratory Illness

CA: Central Auckland

NW: Northwest Auckland

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 May to September 2008, 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 Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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