



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/23 13 June 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 04/06/2007 - 10/06/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		2				2
Mycoplasma Pneumoniae					1	1
Respiratory Syncytial Virus (RSV)	1	1			2	4
Rotavirus					4	4
Varicella Zoster Virus (VZV)	1	5		1	4	11
Adenovirus	6	4				10
Enterovirus				2		2

In May 2007, Middlemore Hospital reported 5 Respiratory Syncytial Virus (RSV), 4 Influenza A virus and 2 Rotavirus infections.

VIROLOGY 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	CB	Eye swab	23.2.2007	32 Y/F	
Adenovirus	Type 8	Neut	WK	Eye swab	29.4.2007	11 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	30.4.2007	26 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	25.3.2007	19 Y/M	Unknown
Adenovirus	Type 37	Neut	WK	Eye swab	02.5.2007	45 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 4	IF, Neut	WK	CSF	22.4.2007	1 M/M	Fever

CB: Canterbury WK: Waikato

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 April to September 2007, 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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