



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/21 27 May 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 19/05/2008 - 25/05/2008

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1	3	1			5
Influenza B	1				2	3
Mycoplasma Pneumoniae					1	1
Parainfluenza 1		2				2
Rotavirus	1				3	4
Varicella Zoster Virus (VZV)	4	5		1	12	22
Adenovirus	12	2			1	15
Enterovirus	1	1			2	4

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 1	PCR, Sequencing	CA	Faeces	29.4.2008	21M/M	Unknown
Adenovirus	Type 2	PCR, Sequencing	CA	Faeces	26.4.2008	5Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	26.4.2008	9Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	27.9.2007	57 Y/F	
Adenovirus	Type 8	Neut	CA	Eye Swab	03.4.2008	16Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	23.4.2008	66Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	05.5.2008	7Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	06.5.2008	54Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	07.5.2008	35Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	20.4.2008	21M/M	Unknown

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

WK: Waikato

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 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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