



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2008/18 14 May 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 28/04/2008 - 04/05/2008

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1					1
Influenza B	1					1
Mycoplasma Pneumoniae		2			2	4
Respiratory Syncytial Virus (RSV)		1				1
Rhinovirus	3					3
Rotavirus					3	3
Varicella Zoster Virus (VZV)		1		1	11	13
Adenovirus	11	4			2	17
Enterovirus			1			1
Mumps		1				1

## 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	NW	Eye Swab	09.4.2008	37Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	27.3.2008	8Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	25.3.2008	49Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	28.4.2008	40Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	31.3.2008	15Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	30.3.2008	46Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	03.4.2008	36Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	15.4.2008	14Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	31.3.2008	34Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	04.4.2008	75Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	06.4.2008	28Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	02.4.2008	49Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	05.4.2008	29Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	09.4.2008	37Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	31.3.2008	90Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 5	IF, Neut	CA	NPA	02.4.2008	13 M/M	
Enterovirus	Echovirus type 6	IF, Neut	WN	CSF	20.4.2008	36 Y/F	febrile, meningitis, photophobia, stiff neck
Enterovirus	Echovirus type 6	IF, Neut	WN	CSF	10.4.2008	32 Y/F	chills, fever
Mumps		IgM, IgG	WK	Serum	24.4.2008	1Y/F	Swelling of parotid glands

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

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

CFI Complement Fixation Test

CSF Cerebrospinal Fluid

NOTE: During April 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](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](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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