



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/33 21 August 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 11/08/2008 - 17/08/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	3		3		4	10
Influenza B	14	2	4		17	37
Mycoplasma Pneumoniae		1			4	5
Parainfluenza 1	1					1
Parainfluenza 3	2					2
Respiratory Syncytial Virus (RSV)	34	16		1	8	59
Rotavirus					2	2
Varicella Zoster Virus (VZV)	3	2			14	19
Adenovirus	5	2			2	9
Enterovirus	2				1	3
Mumps		2				2

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	16.7.2008	31Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	12.8.2008	19Y/F	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	07.7.2008	46Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	11.7.2008	5M/F	Conjunctivitis
Mumps		IgM, IgG	WK	Serum	06.8.2008	4Y/M	Unknown
Mumps		IF	WK	Mouth	29.7.2008	38Y/F	Swelling of parotid glands

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

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	Intratypic 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.

Edited by: Judy Bocacao and Sue Huang, Virology, Communicable Disease Group

Institute of Environmental Science & Research Limited

ESR NCBID - Wallaceville

66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand

Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

**A CROWN RESEARCH
INSTITUTE**