



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2008/32 15 August 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 04/08/2008 - 10/08/2008

## VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	14	3	10		12	39
Influenza B	16	4	11		20	51
Parainfluenza 1					1	1
Parainfluenza 3	1					1
Respiratory Syncytial Virus (RSV)	27	13		1	6	47
Rotavirus					3	3
Varicella Zoster Virus (VZV)	1	1		1	12	15
Adenovirus	5	2				7
Enterovirus	1			2		3

In July 2007, Middlemore hospital reported 1 Adenovirus 40/41, 1 Rotavirus and 64 Respiratory Syncytial Virus (RSV) 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	IF	CA	Eye Swab	24.7.2008	39Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	15.7.2008	15Y/F	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	01.7.2008	30Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	07.7.2008	15Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	02.7.2008	57Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	01.7.2008	11M/F	Unknown

CA: Central Auckland

SA: South Auckland

WN: Wellington

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 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.

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