



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2008/25 26 June 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 16/06/2008 - 22/06/2008

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	6	10	7		5	28
Influenza B	1	1	2		2	6
Mycoplasma Pneumoniae				1	3	4
Parainfluenza 1					1	1
Respiratory Syncytial Virus (RSV)	2	1			3	6
Rotavirus					4	4
Varicella Zoster Virus (VZV)	3	4			8	15
Adenovirus	9	3	1		1	14
Enterovirus	1					1
Measles					2	2
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 1	Neut	SA	Faeces	05.5.2008	51Y/M	Unknown
Adenovirus	Type 1	Neut	CA	Eye Swab	09.5.2008	54Y/F	Conjunctivitis
Adenovirus	Type 2	Neut	CA	NPA	28.5.2008	22M/F	
Adenovirus	Type 2	Neut	NW	NPA	03.3.2008	7 M/M	?RSV
Adenovirus	Type 3	Neut	WK	Eye swab	23.9.2007	43 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	03.3.2008	9 Y/M	Conjunctivitis
Adenovirus	Type 5	Neut	WK	Eye swab	02.5.2008	2 M/F	Febrile
Adenovirus	Type 8	Neut	CB	Eye swab	07.3.2008	55 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	05.10.2007	46 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	13.2.2008	47 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	21.5.2008	19Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	24.1.2008	48 Y/F	
Adenovirus	Type 8	Neut	SA	Eye Swab	16.5.2008	53Y/M	Conjunctivitis
Adenovirus	Type 8	IF	CA	Eye Swab	12.5.2008	41Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	25.5.2008	4M/M	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	19.5.2008	13Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	19.5.2008	13M/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	29.1.2008	43 Y/F	
Adenovirus	Type 9	Neut	CA	Eye swab	28.2.2008	44 Y/M	Conjunctivitis
Enterovirus	Echovirus type 6	IF, Neut	WN	CSF	19.4.2008	43 Y/F	Fever, headache, neck stiffness
Enterovirus	Echovirus type 7	IF, Neut	WK	CSF	21.4.2008	20 Y/M	Meningitis
Measles		IgM	CB	Serum	18.6.2008	-/M	Post vaccination
Measles		IgM	CB	Serum	31.5.2008	-/M	Confirmation positive reported MLS
Mumps		IgM	HB	Serum	16.6.2008	-/M	

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

NW: North West Auckland

SA: South Auckland

WK: Waikato

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	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](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