



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/32 15 August 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 06/08/2007 - 12/08/2007

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2		5		46	53
Influenza B					6	6
Mycoplasma Pneumoniae				1	3	4
Parainfluenza 2					1	1
Parainfluenza 3	3				1	4
Respiratory Syncytial Virus (RSV)	18	24		1	15	58
Rhinovirus		2				2
Rotavirus	2				1	3
Varicella Zoster Virus (VZV)	5	3			4	12
Adenovirus	3	4				7
Enterovirus	1	1				2

In July 2007, Middlemore hospital reported 30 Respiratory Syncytial Virus (RSV) and 3 Varicella Zoster Virus (VZV) infections.

## 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 2	Neut	CB	NPS	09.7.2007	12M/M	
Adenovirus	Type 3	Neut	NW	Eye Swab	27.7.2007	37Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	23.7.2007	62 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	22.6.2007	67 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	30.6.2007	48 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	13.7.2007	14 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	08.8.2007	33Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	13.7.2007	20Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	12.7.2007	3 Y/F	Unknown
Adenovirus	Type 37	Neut	CA	Eye Swab	09.7.2007	39Y/M	Conjunctivitis
Adenovirus	Type 37	Neut	NW	Eye Swab	13.7.2007	46Y/M	Unknown
Adenovirus	Type 37	Neut	CA	Eye Swab	12.7.2007	36Y/F	Unknown
Adenovirus	Untypable	Neut	CB	Gastrointestinal tract	19.6.2007	9 Y/F	
Adenovirus	Untypable	Neut	WK	Eye swab	14.6.2007	16 Y/F	Red Eye

CA: Central Auckland

CB: Canterbury

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 April to September 2007, 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).

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Data provided by Virology Laboratories of Auckland, Waikato, Christchurch and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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