



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/20 23 May 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 14/05/2007 - 20/05/2007

## VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		2			2	4
Mycoplasma Pneumoniae					3	3
Parainfluenza 2					1	1
Parainfluenza 3	1					1
Respiratory Syncytial Virus (RSV)	1				1	2
Rotavirus					12	12
Varicella Zoster Virus (VZV)	2	2			10	14
Adenovirus	3	3			1	7
Enterovirus	1			1		1

In April 2007, Middlemore Hospital reported 2 Adenovirus 40/41 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	Neut	CA	Eye Swab	13.4.2007	25Y/M	
Adenovirus	Type 3	Neut	SA	NPA	02.5.2007	12M/F	Bronchopneumonia
Adenovirus	Type 3	Neut	SA	NPA	13.4.2007	4M/M	? RSV
Adenovirus	Type 8	Neut	WK	Eye swab	23.4.2007	66 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	02.4.2007	20 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	26.3.2007	52 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	13.4.2007	62 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	18.4.2007	24 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	10.4.2007	16 Y/F	Red Eye
Adenovirus	Type 8	Neut	CA	Eye Swab	24.3.2007	67Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	23.4.2007	42 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	24.3.2007	8 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	20.4.2007	9 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	13.4.2007	23Y/F	Conjunctivitis, Red Eye
Adenovirus	Type 8	Neut	NL	Eye Swab	16.4.2007	36Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	NW	Eye Swab	20.4.2007	57Y/F	Conjunctivitis

CA: Central Auckland

NL: Northland

NW: North West Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test  
 PCR Polymerase Chain Reaction (DNA)  
 RT-PCR Polymerase Chain Reaction (RNA)

IF Immunofluorescence test  
 NPA Nasopharyngeal Aspirate  
 NPS Nasopharyngeal Swab

**Institute of Environmental Science & Research Limited**  
 Kenepuru Science Centre  
 Kenepuru Drive, PO Box 50-348, Porirua, New Zealand  
 Telephone: +64 4 914 0700, Facsimile: +64 4 014 0770

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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.

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group