



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/45 14 November 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 05/11/2007 - 11/11/2007

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A					1	1
Mycoplasma Pneumoniae					1	1
Parainfluenza 3	2	5			1	8
Respiratory Syncytial Virus (RSV)				1	1	2
Rotavirus	6	2		2	19	29
Varicella Zoster Virus (VZV)	3	5			4	12
Adenovirus	14	5	2			21
Enterovirus			1		1	2

In October 2007, Middlemore hospital reported 7 Respiratory Syncytial Virus (RSV) and 42 Rotavirus 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 1	Neut	WK	Nasal	23.9.2007	11 M/M	
Adenovirus	Type 1	IF, Neut	WN	NPA	13.9.2007	7 M/F	bronchiolitis
Adenovirus	Type 1	IF	CA	Faeces	11.6.2007	26M/F	Diarrhoea, Immunosuppressed; Post renal Tx
Adenovirus	Type 1	Neut	CA	NPA	15.7.2007	12M/M	Unknown
Adenovirus	Type 2	Neut	CB	Throat swab	08.10.2007	4 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	04.10.2007	8 M/F	Conjunctivitis
Adenovirus	Type 3	Neut	CB	Throat swab	18.10.2007	3 Y/F	Rash, tonsillitis
Adenovirus	Type 3	Neut	CB	NPS	10.10.2007	5 Y/M	
Adenovirus	Type 3	IF	SA	Eye Swab	09.10.2007	38Y/M	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	16.10.2007	36 Y/M	Red Eye
Adenovirus	Type 4	Neut	CB	Eye swab	10.10.2007	8 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	14.9.2007	34 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	23.8.2007	19 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	15.9.2007	48 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	07.10.2007	59 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 4	IF, Neut	WN	Faeces	14.10.2007	12 D/M	

CA: Central Auckland

CB: Canterbury

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

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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