



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/49 13 December 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 03/12/2007 - 09/12/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Mycoplasma Pneumoniae					1	1
Parainfluenza 3	5				1	6
Rhinovirus	3					3
Rotavirus	2	4			6	12
Varicella Zoster Virus (VZV)	5	6		2	5	18
Adenovirus	5	3	1		3	12
Enterovirus		2		1	1	4
Mumps		1				1

In November 2007, Middlemore hospital reported 44 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	SA	NPA	22.10.2007	5M/F	Respiratory Illness
Adenovirus	Type 1	Neut	WK	Eye swab	17.10.2007	57 Y/F	
Adenovirus	Type 1	Neut	SA	NPA	05.11.2007	2M/F	Respiratory Illness
Adenovirus	Type 2	Neut	CA	NPA	16.9.2007	18M/F	Unknown
Adenovirus	Type 3	Neut	NW	Faeces	31.10.2007	6Y/F	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	14.11.2007	8 M/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	18.11.2007	10 Y/M	Unknown
Adenovirus	Type 3	Neut	CA	Eye swab	16.7.2007	57 Y/F	Red eye
Adenovirus	Type 3	Neut	NW	Eye Swab	17.10.2007	43Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	NW	Eye Swab	09.10.2007	39Y/F	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	21.10.2007	51 Y/F	
Adenovirus	Type 5	Neut	WK	Throat swab	02.10.2007	3 Y/M	
Adenovirus	Type 7	Neut	WK	Eye swab	08.10.2007	8 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	31.10.2007	34Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	01.11.2007	18M/F	Unknown
Adenovirus	Type 37	Neut	CA	Eye Swab	05.11.2007	22Y/F	Unknown
Mumps		IgM	WK	Serum	27.11.2007	2Y/M	Swelling of parotid glands

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test

IF

Immunofluoresence test

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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

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

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