



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/29 27 July 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 16/07/2007 - 22/07/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	7	3	4	1	8	23
Influenza B		1			5	6
Mycoplasma Pneumoniae		1			2	3
Parainfluenza 3	1					1
Respiratory Syncytial Virus (RSV)	11	13		2	11	37
Rhinovirus		1				1
Rotavirus	3	2			1	6
Varicella Zoster Virus (VZV)	2	7			7	16
Adenovirus	7	6			3	16
Enterovirus					1	1
Mumps				1		1

In June 2007, Middlemore Hospital reported 14 Respiratory Syncytial Virus (RSV), 3 Influenza A, and 1 Varicella Zoster Virus (VZV) infection.

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	CA	NPA	02.7.2007	18M/M	Respiratory Illness
Adenovirus	Type 1	Neut	CA	NPA	22.6.2007	5M/M	Unknown
Adenovirus	Type 2	Neut	CA	Eye Swab	28.6.2007	34Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	SA	Eye Swab	17.6.2007	2M/M	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Eye Swab	02.7.2007	38Y/F	Unknown
Adenovirus	Type 3	Neut	SA	Throat Swab	29.5.2007	12Y/M	Respiratory Illness
Adenovirus	Type 3	Neut	NW	Eye Swab	30.5.2007	56Y/M	Red Eye
Adenovirus	Type 3	Neut	SA	Eye Swab	25.6.2007	7Y/M	Unknown
Adenovirus	Type 37	Neut	SA	Eye Swab	22.6.2007	39Y/M	Unknown
Adenovirus	Type 37	Neut	SA	Eye Swab	25.6.2007	39Y/M	Conjunctivitis
Adenovirus	Type 37	IF	NW	Eye Swab	25.6.2007	25Y/M	Red Eye
Adenovirus	Type 37	Neut	CA	URETHRAL SWAB	23.5.2007	42Y/M	Unknown
Adenovirus	Type 37	Neut	SA	Eye Swab	25.5.2007	40Y/M	Unknown
Adenovirus	Type 4	Neut	WK	Eye swab	15.6.2007	8 Y/F	Unknown
Adenovirus	Type 4	Neut	WK	Eye swab	15.6.2007	2 M/F	Unknown
Adenovirus	Type 5	Neut	CB	NPS	14.6.2007	6 M/M	
Adenovirus	Type 8	Neut	WK	Eye swab	07.6.2007	16 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	06.6.2007	81Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	15.6.2007	7Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	12.6.2007	29Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	13.6.2007	41 Y/M	?Adeno infection
Adenovirus	Type 8	Neut	CA	Eye Swab	12.6.2007	56Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	07.6.2007	57Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	14.6.2007	35Y/F	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	18.6.2007	27Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	21.6.2007	8M/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	19.6.2007	3 M/M	Unknown
Adenovirus	Untypable	Neut	CB	Conjunctiva	14.5.2007	22 Y/F	
Adenovirus	Untypable	Neut	CA	Bowel	05.5.2007	19M/M	hypoxia, wheeze
Mumps		IgM	WN	Serum	17.7.2007	22M/F	Swelling over rt parotid

CA: Central Auckland

CB: Canterbury

NW: North West Auckland

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)NPA

RT-PCR Polymerase Chain Reaction (RNA)NPS

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

Nasopharyngeal Aspirate

Nasopharyngeal Swab

HAI Haemagglutination Inhibition test

CFT Complement Fixation Test

CSF Cerebrospinal Fluid

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

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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INSTITUTE**