



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/4 02 February 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 23/01/2006 - 29/01/2006

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Mycoplasma Pneumoniae		1		1	12		14
Rhinovirus	2	1					3
Rotavirus	1	1			5	1	8
Varicella Zoster Virus (VZV)	4	3			2		9
Adenovirus	3				1	1	5
Enterovirus		1		1			2

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	IF, Neut	SA	NPA	14.12.2005	4M/F	Respiratory Illness
Adenovirus	Type 1	IF, Neut	CA	NPA	15.12.2005	3M/M	Respiratory Illness
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	02.1.2006	45Y/M	Conjunctivitis
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	14.12.2005	44Y/M	Conjunctivitis
Adenovirus	Type 4	IF, Neut	NW	Eye Swab	07.12.2005	10Y/F	Conjunctivitis
Adenovirus	Type 5	IF, Neut	CA	NPA	06.1.2006	10M/F	Unknown
Adenovirus	Type 8	Neut	OT	Eye swab	14.12.2005	64 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	OT	Eye swab	06.01.2006	78 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 5	IF, Neut	OT	NPA	26.9.2005	7 M/M	Bronchiolitis, haemoptysis
Influenza A	A/New Caledonia/20/99 (H1N1) - like	IF, HA / HAI, Direct IF	CA	NPA	18.10.2005	12M/F	Respiratory Illness
Influenza A	A/California/7/200 4 (H3N2) - like	IF, HA / HAI	CA	Throat Swab	02.12.2005	67Y/M	Flu Like symptoms
Influenza B	B/Shanghai/361/20 02-like	IF, HA / HAI, Direct IF	CA	NPA	05.1.2006	52Y/M	Flu Like symptoms

CA: Central Auckland

NW: North West Auckland

OT: Otago

SA: South Auckland

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

RT-PCR Polymerase Chain Reaction (RNA)

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

NPS 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