



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/44 08 November 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 30/10/2006 - 05/11/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Mycoplasma Pneumoniae		1		1	1		3
Parainfluenza 2					5		5
Parainfluenza 3	3	1					4
Respiratory Syncytial Virus (RSV)	3						3
Rhinovirus	1						1
Rotavirus	3	1		2	2		8
Varicella Zoster Virus (VZV)	4	8		1	5		18
Adenovirus	2	1	2		1		6
Enterovirus	2		1	1	2		6
Mumps		1					1

In October 2006, Middlemore hospital reported 1 Adenovirus 40/41, 3 Respiratory Syncytial Virus (RSV), and 14 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 3	Neut	OT	Throat swab	26.9.2006	21 Y/F	Fever, sore throat
Adenovirus	Type 3	Neut	WN	Throat swab	06.10.2006	11 Y/U	
Adenovirus	Type 4	Neut	CB	Eye swab	11.10.2006	35 Y/F	
Adenovirus	Type 4	Neut	CA	Eye Swab	03.10.2006	17Y/F	Unknown
Adenovirus	Type 4	Neut	CB	Eye swab	03.10.2006	45 Y/F	Laboratories
Adenovirus	Type 4	Neut	OT	Throat swab	04.10.2006	21 Y/F	Lymphadenopathy, tonsillitis
Adenovirus	Type 4	Neut	CA	Bronchial washings	12.9.2006	12 Y/M	Unknown
Adenovirus	Type 5	Neut	NL	NPA	18.10.2006	6M/M	Unknown
Adenovirus	Type 5	Neut	CA	Lung Tissue	02.10.2006	8W/M	Unknown
Adenovirus	Type 5	Neut	CA	NPA	24.10.2006	7M/F	Respiratory Illness
Adenovirus	Type 6	Neut	WK	Nasal swab	26.8.2006	1 M/M	
Adenovirus	Type 7	Neut	OT	NPA	11.10.2006	25 D/M	Respiratory Illness
Adenovirus	Type 19	Neut	WK	Eye swab	05.10.2006	1 Y/F	Unknown
Adenovirus	Type 19	Neut	WK	Eye swab	11.10.2006	40 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 9	IF, Neut	WN	Faeces	29.9.2006	8 D/M	
Enterovirus	Coxsackievirus Group A type 9	IF, Neut	WK	CSF, Faeces	26.9.2006	4 Y/M	Meningitis
Enterovirus	Echovirus type 6	IF, Neut	WK	Throat swab	11.9.2006	39 Y/M	Unknown
Mumps		IgM, IgG	WK	Serum	03.11.2006	11Y/F	Swelling of parotid glands

CA: Central Auckland

CB: Canterbury

NL: Northland

OT: Otago

WK: Waikato

WN: Wellington

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.

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