



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/37 21 September 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 11/09/2006 - 17/09/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A			1		7	2	10
Mycoplasma Pneumoniae		1		1	6		8
Parainfluenza 3	1						1
Respiratory Syncytial Virus (RSV)	13	2		3	7	1	26
Rotavirus	6	6		5	9		26
Varicella Zoster Virus (VZV)	4	3			8	1	16
Adenovirus	1		1		2	1	5
Enterovirus				2	1		3

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 2	Neut	CB	Faeces	11.8.2006	16 M/M	Diarrhoea, febrile, petechial spots
Adenovirus	Type 4	Neut	OT	Throat swab	23.8.2006	20 Y/M	Headache, neck pain
Adenovirus	Type 4	Neut	CB	Eye swab	21.8.2006	3 Y/M	Red eye
Adenovirus	Type 4	Neut	CB	Not specified	07.8.2006	34 Y/F	
Adenovirus	Type 4	IF,Neut	SA	NPA	19.8.2006	5M/M	Respiratory Illness
Enterovirus	Coxsackievirus Group A type 6	IF, Neut	CA	Mouth swab	11.7.2006	23 M/M	
Enterovirus	Echovirus type 3	IF, Neut	WK	Mouth swab	07.7.2006	3 Y/M	Fever, mouth ulcers, fine papular rash

CA: Central Auckland

CB: Canterbury

OT: Otago

SA: South Auckland

WK: Waikato

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

NOTE: During April to September 2006, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php.

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php.

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

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