



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/37 22 September 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 12/09/2005 - 18/09/2005

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1				1	3	5
Influenza B						1	1
Mycoplasma Pneumoniae				1	8		9
Parainfluenza 3	2		1		2		5
Respiratory Syncytial Virus (RSV)	19	6		2	6		33
Rhinovirus	1		2				3
Rotavirus		5				3	8
Varicella Zoster Virus (VZV)	3	1			9	3	16
Adenovirus	1	2			1	1	5
Enterovirus	3			1	1		5
Mumps						2	2

VIROLOGY 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	CB	Not specified	29.8.2005	6 Y/F	
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	29.8.2005	42Y/F	Conjunctivitis, sinusitis
Adenovirus	Type 3	Neut	CB	Conjunctival swab	26.8.2005	47 Y/M	Conjunctivitis
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	24.8.2005	38Y/F	Unknown
Enterovirus	Coxsackievirus Group B type 3	IF	CA	NPA	06.9.2005	12M/F	Respiratory Illness
Mumps		IgM, IgG	OT	Serum	05.09.05	33Y/M	
Mumps		IF	OT	Throat swab	07.09.2005	14Y/M	

CA: Central Auckland

CB: Canterbury

OT: Otago

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 2005, 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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