



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/21 02 June 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 23/05/2005 - 29/05/2005

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A					4		4
Influenza B	8	6	3		7		24
Mycoplasma Pneumoniae		4		3	5		12
Parainfluenza 3	1						1
Respiratory Syncytial Virus (RSV)	2				7	2	11
Varicella Zoster Virus (VZV)		4			11		15
Adenovirus	1				2		3
Enterovirus	2	1	1				4
Rubella						1	1

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 4	IF, Neut	CA	Eye Swab	29.4.2005	31Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	WK	Eye swab	22.4.2005	52 Y/M	Conjunctivitis
Adenovirus	Type 5	IF, Neut	CA	NPA	03.5.2005	20M/F	Cough
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CA	NPA	07.4.2005	2W/M	Respiratory Illness
Enterovirus	Echovirus type 9	IF, Neut	CB	Throat swab	07.4.2005	11 M/M	Hypotonia following DTU
Rubella		IgM	OT	Serum	23.5.2005	53Y/F	Rash, arthralgia

CA: Central Auckland

CB: Canterbury

OT: Otago

WK: Waikato

Neut	Neutralisation test	IF	Immunofluorescence test
PCR	Polymerase Chain Reaction (DNA)	NPA	Nasopharyngeal Aspirate
RT-PCR	Polymerase Chain Reaction (RNA)	NPS	Nasopharyngeal Swab
IgM	Positive IgM ELISA	HAI	Haemagglutination Inhibition test
IgG	IgG seroconversion	CFT	Complement Fixation Test
ITD	Intratypic differentiation	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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