



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/26 06 July 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 27/06/2005 - 03/07/2005

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A					5		5
Influenza B	17	31	9		48	2	107
Mycoplasma Pneumoniae					9		9
Parainfluenza 1					1		1
Parainfluenza 3	3	1			1		5
Respiratory Syncytial Virus (RSV)	8	7		5	19	3	42
Rhinovirus		2					2
Rotavirus						1	1
Varicella Zoster Virus (VZV)	3	1			9	3	16
Adenovirus	3		2		2		7
Enterovirus	3	1			1		5
Measles					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 1	Neut	OT	Throat swab	08.6.2005	1 Y/F	Fever, sore throat
Adenovirus	Type 1	Neut	CB	Not specified	09.6.2005	1 Y/M	Viral URTI
Adenovirus	Type 3	Neut	WK	Throat swab	08.6.2005	12 Y/M	Unknown
Adenovirus	Type 3	IF, Neut	CA	Bronchial Washing	27.5.2005	11M/F	Respiratory Illness, Recurrent wheeze
Adenovirus	Type 3	IF, Neut	CA	Faeces	02.6.2005	3Y/F	Acute Hepatitis
Adenovirus	Type 3	Neut	CB	NPS	14.6.2005	4 Y/M	Febrile
Adenovirus	Type 3	Neut	CB	NPS	20.6.2005	23 M/M	URTI
Adenovirus	Type 4	Neut	WK	Eye swab	13.6.2005	15 Y/M	Unknown
Enterovirus	Coxsackievirus Group B type 1	IF, Neut	WK	Nasal swab	03.6.2005	1 Y/F	Unknown
Measles		IgM	HB	Serum	29.6.2005	18M/M	Malaise

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

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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