



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/32 17 August 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 08/08/2005 - 14/08/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	2	3					5
Influenza B	1		2		3		6
Mycoplasma Pneumoniae		1			9		10
Parainfluenza 3	2	8	1		2	1	14
Respiratory Syncytial Virus (RSV)	22	33	2	4	11	1	73
Rhinovirus	1	1					2
Rotavirus		1			3	2	6
Varicella Zoster Virus (VZV)	2	1			7	1	11
Adenovirus	5		1		5	1	12
Enterovirus	5	1	3				9
Mumps					1		1

## 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	WK	Nasal swab	26.7.2005	5 M/F	Unknown
Adenovirus	Type 2	Neut	WK	Nasal swab	20.7.2005	6 M/M	Bronchiolitis
Adenovirus	Type 2	IF, Neut	CB	NPS	26.5.2005	10 D/M	URTI, non- AFP patient
Adenovirus	Type 3	Neut	WK	Nasal swab	27.7.2005	1 Y/M	Fever, pneumonia
Adenovirus	Type 3	Neut	WK	Throat swab	26.7.2005	33 Y/M	Unknown
Adenovirus	Type 3	IF, Neut	SA	Eye Swab	22.7.2005	5Y/F	Unknown
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	19.7.2005	31Y/F	Unknown
Adenovirus	Type 3	Neut	OT	Not specified	16.7.2005	2 Y/M	Tonsillitis
Adenovirus	Type 3	Neut	CB	NPS	28.7.2005	14 M/M	Fever, petecchiaie
Adenovirus	Type 3	Neut	OT	Not specified	22.7.2005	5 M/M	Bronchiolitis
Adenovirus	Type 4	IF, Neut	CA	Eye Swab	21.7.2005	24Y/F	Sore throat, cough
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Tongue swab	07.7.2005	20 M/M	Ulcers
Enterovirus	Poliovirus type 1 Sabin - like	IF, Neut, PCR, ELISA	CB	NPS	26.5.2005	10 D/M	URTI, non- AFP patient
Mumps		IgM	CB	Serum	04.8.2005	23Y/F	Unknown

CA: Central Auckland

CB: Canterbury

OT: Otago

SA: South Auckland

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](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](http://www.surv.esr.cri.nz/virology/virology_weekly_report.php).

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

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group