



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/30 03 August 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 25/07/2005 - 31/07/2005

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1				5		6
Influenza B	1		3	1	11	2	18
Mycoplasma Pneumoniae				1	4		5
Parainfluenza 3	3	2			2		7
Respiratory Syncytial Virus (RSV)	19	11	1	6	11	4	52
Rhinovirus		1					1
Rotavirus					11	1	12
Varicella Zoster Virus (VZV)	5	2			4	1	12
Adenovirus		1			2		3
Enterovirus	3	1				1	5

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 4	IF, Neut	SA	Eye Swab	07.7.2005	52Y/M	Eye Infection
Adenovirus	Type 41	IF	WK	Faeces	23.3.2005	1 Y/M	Febrile and Seizures
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Mouth swab	05.7.2005	4 Y/F	Mouth Ulcers
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Mouth swab	04.7.2005	20 M/M	Unknown
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Throat swab	04.7.2005	18 M/M	Ulcers/tongue ulceration buccal mucosa with palate involvement
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Mouth swab	21.6.2005	11 Y/M	Ulcers
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Leg lesions swab	16.6.2005	13 M/F	Lesions, rash
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Tongue swab	16.6.2005	3 Y/-	Ulcers
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Throat swab	29.6.2005	2 Y/F	Unknown
Enterovirus	Coxsackievirus Group B type 1	IF	SA	NPA	13.7.2005	2M/F	Respiratory Illness
Enterovirus	Echovirus type 30	IF, Neut	WK	CSF	05.7.2005	52 Y/M	Meningitis
Enterovirus	Echovirus type 30	IF, Neut	WK	CSF	30.6.2005	34 Y/M	Unknown

CA: Central Auckland

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. 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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