



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/21 31 May 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 21/05/2007 - 27/05/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

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

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	CA	NPA	21.3.2007	7 M/F	Respiratory Illness
Adenovirus	Type 3	Neut	WK	Eye swab	26.4.2007	5 Y/F	Unknown
Adenovirus	Type 3	Neut	CB	Eye swab	23.4.2007	31 Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	CB	Not specified	19.3.2007	26 Y/F	Red eye
Adenovirus	Type 3	Neut	NW	NPA	08.5.2007	8M/M	Unknown
Adenovirus	Type 8	Neut	NL	Eye Swab	02.5.2007	37Y/F	
Adenovirus	Type 8	Neut	SA	Eye Swab	30.4.2007	74Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	22.4.2007	66 Y/M	Conjunctivitis
Enterovirus	Enterovirus type 71	IF, PCR	WK	Skin swab	27.2.2007	3 Y/M	Hand, foot and mouth symptoms
Enterovirus	Enterovirus type 71	IF, PCR	CA	Tongue swab	01.2.2007	2 Y/M	Ulcers
Enterovirus	Enterovirus type 71	IF, PCR	CA	Mouth swab	09.12.2006	5 Y/F	Unknown
Enterovirus	Enterovirus type 71	IF, PCR	WK	Faeces	15.3.2007	2 M/M	
Enterovirus	Enterovirus type 71	IF, PCR	WN	Faeces	02.4.2007	1 M/M	

CA: Central Auckland

CB: Canterbury

NL: Northland

NW: North West Auckland

SA: South Auckland

WK: Waikato

WN: Wellington

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 2007, 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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