



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/22 06 June 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 28/05/2007 - 03/06/2007

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		3			1	4
Mycoplasma Pneumoniae		1			4	5
Respiratory Syncytial Virus (RSV)	2	1			1	4
Rotavirus					2	2
Varicella Zoster Virus (VZV)	5	3			3	11
Adenovirus	7					7
Enterovirus	1		1	1	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 3	Neut	NW	NPA	20.5.2007	12M/M	? RSV
Adenovirus	Type 3	Neut	CB	Eye swab	10.5.2007	39 Y/M	conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	27.4.2007	17 Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Eye swab	02.4.2007	37 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	03.5.2007	39 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	03.5.2007	47 Y/M	Hyperaemic conjunctiva
Adenovirus	Type 8	Neut	SA	Eye Swab	22.4.2007	12M/M	? HSV
Adenovirus	Type 8	Neut	WK	Eye swab	27.4.2007	28 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	25.3.2007	37 Y/M	Conjunctivitis
Enterovirus	Enterovirus type 71	IF, PCR	CA	Throat swab	14.4.2007	3 Y/M	ulcers
Enterovirus	Enterovirus type 71	IF, PCR	CA	Faeces	04.5.2007	18 M/M	hand, foot, mouth disease
Enterovirus	Enterovirus type 71	IF, PCR	CA	Throat swab	29.3.2007	3 Y/F	? Herpes ? Fungal
Enterovirus	Enterovirus type 71	IF, PCR	CA	Mouth swab	09.12.2006	5 Y/F	Unknown
Enterovirus	Enterovirus type 71	IF, PCR	CA	Throat swab	02.5.2007	22 Y/M	

CA: Central Auckland

CB: Canterbury

NW: North West Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test  
 PCR Polymerase Chain Reaction (DNA)  
 RT-PCR Polymerase Chain Reaction (RNA)  
 IgM Positive IgM ELISA  
 IgG IgG seroconversion  
 ITD Intratypic differentiation

IF Immunofluorescence test  
 NPA Nasopharyngeal Aspirate  
 NPS Nasopharyngeal Swab  
 HAI Haemagglutination Inhibition test  
 CFT Complement Fixation Test  
 CSF Cerebrospinal Fluid

**Institute of Environmental Science & Research Limited**  
 Kenepuru Science Centre  
 Kenepuru Drive, PO Box 50-348, Porirua, New Zealand  
 Telephone: +64 4 914 0700, Facsimile: +64 4 014 0770

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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](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