



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/19 16 May 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 07/05/2007 - 13/05/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Mycoplasma Pneumoniae		1			5	6
Respiratory Syncytial Virus (RSV)	1					1
Rotavirus	1				6	7
Varicella Zoster Virus (VZV)		4			4	8
Adenovirus	4	7				11
Enterovirus	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 3	Neut	WK	Eye swab	03.5.2007	42 Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Corneal Scraping	05.4.2007	28Y/M	Keratitis
Adenovirus	Type 4	Neut	CA	Eye Swab	29.3.2007	23Y/M	Conjunctivitis, Fever
Adenovirus	Type 7	Neut	CB	Eye swab	20.3.2007	1 M/F	
Adenovirus	Type 8	Neut	NW	Eye Swab	17.3.2007	64Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	15.3.2007	44Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	03.4.2007	28 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	02.4.2007	20 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	09.4.2007	47 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	02.4.2007	41Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	28.3.2007	21 Y/F	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	06.4.2007	20Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	19.4.2007	4Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	09.4.2007	50Y/F	? Respiratory, Cellulitis
Adenovirus	Type 8	Neut	CA	Eye Swab	05.4.2007	4Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	05.4.2007	8Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	01.4.2007	18Y/F	
Adenovirus	Type 8	Neut	NW	Eye Swab	07.4.2007	33M/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	08.4.2007	33Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	CA	Eye Swab	10.4.2007	59Y/M	Conjunctivitis
Adenovirus	Type 37	Neut	NW	Eye Swab	03.4.2007	37Y/M	Conjunctivitis
Enterovirus	Echovirus type 6	IF, Neut	CA	Faeces, Throat swab	05.2.2007	11 Y/F	Unknown

CA: Central Auckland

CB: Canterbury

NW: North West 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 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.

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