



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/25 28 June 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 18/06/2007 - 24/06/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		3			2	5
Mycoplasma Pneumoniae				1	1	2
Parainfluenza 2					1	1
Respiratory Syncytial Virus (RSV)	4	1		3	1	9
Rotavirus					3	3
Varicella Zoster Virus (VZV)	1	1		1	4	7
Adenovirus	11	6			2	19
Enterovirus	2		1	1		4
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	CB	NPS	06.6.2007	19 M/F	
Adenovirus	Type 2	Neut	CB	Eye swab	17.4.2007	49 Y/M	
Adenovirus	Type 2	Neut	CB	Eye swab	16.4.2007	60 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	01.6.2007	56 Y/F	? Viral infection
Adenovirus	Type 3	Neut	NW	NPA	03.6.2007	12M/M	Paroxysmal cough
Adenovirus	Type 3	Neut	WK	Eye swab	02.6.2007	34 Y/F	Unknown
Adenovirus	Type 3	Neut	SA	NPA	29.5.2007	6M/M	Unknown
Adenovirus	Type 3	Neut	CB	Eye swab	05.6.2007	41 Y/M	
Adenovirus	Type 8	Neut	WK	Eye swab	08.5.2007	28 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	18.5.2007	18Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	20.5.2007	13Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	22.5.2007	18 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	23.5.2007	88 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NL	Eye Swab	15.5.2007	56Y/F	Unknown
Adenovirus	Type 37	Neut	WK	Eye swab	28.5.2007	68 Y/F	Conjunctivitis
Enterovirus	Echovirus type 30	IF, Neut	WN	CSF	09.5.2007	31 Y/M	
Mumps		IgM	WN	Serum		19y/M	Lymphadenopathy with URTI

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.

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