



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/26 05 July 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 25/06/2007 - 01/07/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	10	15			3	28
Influenza B	1					1
Mycoplasma Pneumoniae					1	1
Parainfluenza 2	1				1	2
Respiratory Syncytial Virus (RSV)	3	2		2	2	9
Rotavirus					2	2
Varicella Zoster Virus (VZV)	1	3			3	7
Adenovirus	8	6	1		4	19
Enterovirus		1	1		1	3

VIROLOGY 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	SA	Nasopharyngeal Aspirate	28.5.2007	8M/M	Unknown
Adenovirus	Type 4	Neut	WK	Eye swab	01.6.2007	44 Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	11.6.2007	41Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	28.5.2007	41Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	21.5.2007	30Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	21.5.2007	14Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	21.5.2007	37Y/M	Red Eye
Adenovirus	Type 8	Neut	CA	Eye Swab	11.5.2007	48Y/M	Conjunctivitis
Adenovirus	Untypable	Neut	CA	Eye swab	10.3.2007	41 Y/F	Conjunctivitis
Adenovirus	Untypable	Neut	CA	Eye swab	23.2.2007	32 Y/M	
Enterovirus	Echovirus type 30	IF, Neut	WN	CSF	29.5.2007	19 Y/F	

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

WK: Waikato

WN: Wellington

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

IF Immunofluorescence test
 Nasopharyngeal Aspirate
 Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test
 CFT Complement Fixation Test
 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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