



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/31 08 August 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 30/07/2007 - 05/08/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A		4	10		31	45
Influenza B	1				7	8
Mycoplasma Pneumoniae					1	1
Parainfluenza 2		1			2	3
Parainfluenza 3	1					1
Respiratory Syncytial Virus (RSV)	17	12		2	13	44
Rotavirus	2	1		2	4	9
Varicella Zoster Virus (VZV)	4	5		1	4	14
Adenovirus	10	7	1		1	19
Enterovirus	1	1				2

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 1	Neut	CB	Nasal swab	07.7.2007	15 M/F	Febrile, malaise
Adenovirus	Type 2	Neut	CA	NPA	15.6.2007	10M/M	Post-operative cardiac - green secretions
Adenovirus	Type 2	Neut	CB	Culture	09.7.2007	12 Y/M	
Adenovirus	Type 3	Neut	CB	NPS	02.7.2007	4 Y/F	
Adenovirus	Type 3	Neut	CA	Eye Swab	30.7.2007	61Y/F	Unknown
Adenovirus	Type 3	Neut	WK	Nasal swab	27.6.2007	7 M/F	Bronchiolitis
Adenovirus	Type 4	Neut	CB	Eye swab	06.7.2007	40 Y/M	Conjunctivitis
Adenovirus	Type 4	IF	CA	Eye Swab	09.7.2007	36Y/F	Unknown
Adenovirus	Type 5	Neut	CA	NPA	18.5.2007	4 M/F	Unknown
Adenovirus	Type 7	Neut	CA	Eye Swab	13.7.2007	4M/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	27.6.2007	35Y/F	Red Eye
Adenovirus	Type 8	IF	SA	Eye Swab	26.6.2007	79Y/M	Unknown
Adenovirus	Untypable	Neut	CA	NPA	07.5.2007	17M/M	Unknown

CA: Central Auckland

CB: Canterbury

NW: North West Auckland SA: South Auckland

WK: Waikato

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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