



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/20 22 May 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 12/05/2008 - 18/05/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1	1				2
Mycoplasma Pneumoniae					2	2
Respiratory Syncytial Virus (RSV)	1	1			1	3
Rotavirus					4	4
Varicella Zoster Virus (VZV)	5	3			6	14
Adenovirus	6	3	2			11
Enterovirus	1			1	1	3
Measles					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 1	IF	CA	NPA	28.4.2008	23M/M	Unknown
Adenovirus	Type 2	Neut	WK	Throat swab	14.4.2008	17 M/M	URTI / LRTI
Adenovirus	Type 3	Neut	CA	NPA	01.5.2008	8M/M	Respiratory Illness
Adenovirus	Type 3	Neut	CB	Culture	29.4.2008	6 Y/F	
Adenovirus	Type 3	Neut	CB	Throat swab	30.1.2008	5 Y/M	
Adenovirus	Type 3	Neut	WK	Eye/Throat swab	23.4.2008	47 Y/M	? Adenovirus
Adenovirus	Type 4	Neut	CB	Eye swab	21.4.2008	16 Y/M	
Adenovirus	Type 8	Neut	CA	Eye Swab	28.3.1953	55Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	21.4.2008	81Y/F	Unknown
Adenovirus	Type 8	Neut	CB	Eye swab	18.4.2008	62 Y/M	
Adenovirus	Type 19	Neut	WK	Culture	11.4.2008	31 Y/F	
Adenovirus	Untypable	Neut	CB	Urethral swab	22.2.2008	31 Y/M	
Adenovirus	Untypable	Neut	CB	Eye swab	27.11.2007	31 Y/F	
Enterovirus	Echovirus type 11	Neut	CA	NPA	28.4.2008	7M/F	Unknown
Measles		IgM	HB	Serum	13.5.2008	18/M	Rash, fever, cough, conjunctivitis, not vaccinated

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

NW: North West 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

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NOTE: During April to September 2008, 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 Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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