



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/38 27 September 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 17/09/2007 - 23/09/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	4				14	18
Influenza B	2				8	10
Mycoplasma Pneumoniae					1	1
Parainfluenza 3	4					4
Respiratory Syncytial Virus (RSV)	10	8		1	11	30
Rhinovirus					1	1
Rotavirus	3	2		9	8	22
Varicella Zoster Virus (VZV)	3	1		1	3	8
Adenovirus	13	4	1		1	19
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 1	Neut	SA	NPA	13.8.2007	12M/M	Unknown
Adenovirus	Type 1	Neut	CA	Eye Swab	15.8.2007	43Y/M	Conjunctivitis
Adenovirus	Type 1	Neut	SA	NPA	16.8.2007	14M/M	
Adenovirus	Type 1	Neut	CA	NPA	10.8.2007	3Y/M	Respiratory Illness
Adenovirus	Type 1	IF	SA	NPA	02.8.2007	9M/F	Respiratory Illness
Adenovirus	Type 2	Neut	CA	Eye Swab	14.8.2007	5Y/F	Red Eye
Adenovirus	Type 2	Neut	CA	Faeces	11.8.2007	8Y/M	Unknown
Adenovirus	Type 3	Neut	CB	Eye swab	11.9.2007	3 Y/M	
Adenovirus	Type 3	IF,Neut	CA	Eye Swab	27.8.2007	32Y/M	Unknown
Adenovirus	Type 4	Neut	CB	Eye swab	30.7.2007	21 Y/M	
Adenovirus	Type 4	Neut	NW	Eye Swab	18.9.2007	35Y/F	Unknown
Adenovirus	Type 5	IF	NL	Throat Swab	08.8.2007	4Y/F	Unknown
Adenovirus	Type 5	IF	CA	NPA	23.8.2007	11Y/M	Unknown
Adenovirus	Type 7	Neut	CA	NPA	18.9.2007	5M/M	Respiratory Illness
Adenovirus	Type 8	Neut	WK	Eye swab	07.8.2007	35 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	23.8.2007	25 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	04.7.2007	50 Y/M	Conjunctivitis
Adenovirus	Type 19	Neut	WK	Eye swab	14.8.2007	9 M/M	Conjunctivitis
Adenovirus	Type 19	Neut	WK	Eye swab	21.6.2007	4 M/M	Conjunctivitis
Adenovirus	Type 19	Neut	WK	Eye swab	18.7.2007	5 Y/M	

CA: Central Auckland

CB: Canterbury

NL: Northland

NW: North West Auckland

SA: South 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

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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