



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/44 07 November 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 29/10/2007 - 04/11/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza B	1					1
Mycoplasma Pneumoniae		1		1	1	3
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)	3	3			1	7
Rotavirus	5	6		1	9	21
Varicella Zoster Virus (VZV)	1	3		1	8	13
Adenovirus	7	3			2	12

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	SA	NPA	02.10.2007	2M/M	Unknown
Adenovirus	Type 1	Neut	CA	Throat Swab	27.9.2007	11M/F	Unknown
Adenovirus	Type 3	Neut	NW	Eye Swab	01.10.2007	30Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	28.9.2007	25Y/F	Red Eye
Adenovirus	Type 8	Neut	SA	Eye Swab	24.9.2007	45Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	30.9.2007	13Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	21.9.2007	22Y/M	Conjunctivitis
Adenovirus	Type 31	Neut	CA	Eye Swab	04.10.2007	18Y/F	Conjunctivitis

CA: Central Auckland

NW: North West Auckland

SA: South Auckland

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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