



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/30 01 August 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 23/07/2007 - 29/07/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	7	4	11		20	42
Influenza B					3	3
Respiratory Syncytial Virus (RSV)	6	4		1	11	22
Rotavirus	1				2	3
Varicella Zoster Virus (VZV)		4			10	14
Adenovirus	8	6	1			15
Enterovirus				1		1

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	WN	Bowel	20.6.2007	5 M/U	
Adenovirus	Type 8	Neut	SA	Eye Swab	17.6.2007	9Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	12.6.2007	18Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	01.6.2007	1 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CB	Eye swab	12.5.2007	22 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

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.

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group

Institute of Environmental Science & Research Limited
 Kenepuru Science Centre
 Kenepuru Drive, PO Box 50-348, Porirua, New Zealand
 Telephone: +64 4 914 0700, Facsimile: +64 4 014 0770

**A CROWN RESEARCH
 INSTITUTE**