



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/18 09 May 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 30/04/2007 - 06/05/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Mycoplasma Pneumoniae					2	2
Rotavirus				2	6	8
Varicella Zoster Virus (VZV)		5		1	6	12
Adenovirus	8	6			2	16
Enterovirus	1	1	1		1	4

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 8	Neut	WK	Eye swab	13.3.2007	18 Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	15.12.2006	19Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	07.11.2006	74Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	12.3.2007	31Y/F	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	19.3.2007	44Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	25.3.2007	26Y/F	Red Eye
Adenovirus	Type 8	Neut	NL	Eye Swab	27.3.2007	79Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NS	Eye Swab	26.3.2007	22Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	02.4.2007	43Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	12.3.2007	8Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	23.12.2006	59Y/F	
Adenovirus	Untypable	Neut	CB	Eye swab	12.12.2006	9/F	
Adenovirus	Untypable	Neut	CB	Faeces	11.12.2006	82/F	
Adenovirus	Untypable	Neut	CB	Eye swab	27.11.2006	30/M	
Enterovirus	Coxsackievirus Group B type 4	IF	SA	NPA	13.4.2007	7M/M	Unknown
Enterovirus	Echovirus type 30	IF, Neut	WN	Faeces	25.3.2007	29 D/M	Fever, irritable

CA: Central Auckland
South AucklandCB: Canterbury
WK: WaikatoNL: Northland
WN: Wellington

NS: North Shore Auckland

NW: North West Auckland

SA:

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.

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**

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