



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/43 31 October 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 22/10/2007 - 28/10/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A			3			3
Influenza B			4		1	5
Mycoplasma Pneumoniae		2		1	2	5
Parainfluenza 1					1	1
Parainfluenza 3		1			1	2
Respiratory Syncytial Virus (RSV)	1	1		1	5	8
Rotavirus	5	2		6	6	19
Varicella Zoster Virus (VZV)	1	4			9	14
Adenovirus	8	2	1		1	12

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 3	Neut	WK	Nasal	04.10.2007	4 M/M	
Adenovirus	Type 3	Neut	WK	Eye swab	27.9.2007	58 Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	04.10.2007	3 Y/M	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	28.9.2007	26 Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	28.9.2007	29 Y/F	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	21.9.2007	28 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	20.9.2007	22 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	21.9.2007	38 Y/M	
Adenovirus	Type 3	Neut	WK	Throat swab	25.9.2007	5 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	21.9.2007	38 Y/M	
Enterovirus	Echovirus type 11	IF, Neut	WK	NPA	12.9.2007	3 W/F	Respiratory Illness
Enterovirus	Echovirus type 11	IF, Neut	CA	Nasal aspirate	13.9.2007	3 W/M	Respiratory Illness
Enterovirus	Echovirus type 6	IF, Neut	WK	Nasal swab	31.8.2007	1 Y/F	Fever, Respiratory Illness

CA: Central 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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