



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/42 25 October 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 15/10/2007 - 21/10/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	4				1	5
Influenza B	1				4	5
Mycoplasma Pneumoniae		1			5	6
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)	4	4			5	13
Rotavirus	8	7		4	10	29
Varicella Zoster Virus (VZV)	4	6			10	20
Adenovirus	5	5	1		2	13
Enterovirus	2			3	1	6
Mumps		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	WK	Nasal swab	24.8.2007	4 Y/F	Bronchiolitis
Adenovirus	Type 1	Neut	CA	Faeces	11.6.2007	2 Y/F	Diarrhoea, post renal treatment
Adenovirus	Type 1	Neut	WK	Nasal swab	20.8.2007	8 M/M	
Adenovirus	Type 1	Neut	WK	Nasal swab	22.8.2007	2 M/M	Cough, wheeze
Adenovirus	Type 1	Neut	WK	Nasal swab	20.8.2007	1 Y/F	Bronchiolitis
Adenovirus	Type 2	Neut	CA	NPA	19.8.2007	23M/M	
Adenovirus	Type 2	Neut	CB	NPS	25.9.2007	1 Y/M	
Adenovirus	Type 3	Neut	CB	Eye swab	18.9.2007	36 Y/F	
Adenovirus	Type 3	IF	SA	Eye Swab	11.9.2007	20Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	14.9.2007	5 Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	20.9.2007	44 Y/F	
Adenovirus	Type 4	Neut	CA	Eye swab	10.8.2007	42 Y/M	Conjunctivitis
Adenovirus	Type 7	Neut	CA	NPA	24.9.2007	5M/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	24.9.2007	57 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	27.8.2007	20 Y/F	Unknown
Mumps		IgM	WK	Serum	12.10.2007	14Y/F	Unknown

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test

IF Immunofluorescence test

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PCR	Polymerase Chain Reaction (DNA)	NPA	Nasopharyngeal Aspirate
RT-PCR	Polymerase Chain Reaction (RNA)	NPS	Nasopharyngeal Swab
IgM	Positive IgM ELISA	HAI	Haemagglutination Inhibition test
IgG	IgG seroconversion	CFT	Complement Fixation Test
ITD	Intratypic differentiation	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.

Thank you to all who have participated in this years Influenza Surveillance network. Please note that the Influenza Surveillance is now finished (as at 30 September). Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of October.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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