



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/41 19 October 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 09/10/2006 - 15/10/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Mycoplasma Pneumoniae				1	2	1	4
Parainfluenza 3		3				1	4
Respiratory Syncytial Virus (RSV)	3	1			3		7
Rhinovirus	1						1
Rotavirus	4	4		3	8	7	26
Varicella Zoster Virus (VZV)	1	4					5
Adenovirus	3	1	2		1	1	8
Enterovirus	6	5		1	4		16

In September 2006, Middlemore hospital reported 1 Adenovirus 40/41, 3 Influenza A, 7 Respiratory Syncytial Virus (RSV), and 46 Rotavirus infections.

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 2	Neut	SA	NPA	25.9.2006	14M/M	Unknown
Adenovirus	Type 2	Neut	CA	NPA	21.9.2006	6M/M	Respiratory Illness, Bronchiolitis
Adenovirus	Type 3	Neut	WK	Nasal swab	28.9.2006	2 Y/F	Respiratory Illness
Adenovirus	Type 4	Neut	NW	Eye Swab	19.9.2006	6M/M	Unknown
Adenovirus	Type 7	Neut	OT	Throat swab	30.8.2006	21 Y/M	Flu-like illness
Adenovirus	Type 8	Neut	CA	Eye swab	27.4.2006	12 M/F	
Adenovirus	Type 11	Neut	CA	NPA	31.8.2006	2 Y/F	
Adenovirus	Type 19	Neut	CA	Eye swab	21.8.2006	33 Y/F	Conjunctivitis
Enterovirus	Echovirus type 6	Neut	NW	NPA	26.9.2006	14M/F	Respiratory Illness
Enterovirus	Echovirus type 21	Neut	CA	Throat Swab	07.9.2006	5Y/M	Unknown

CA: Central Auckland

NW: North West Auckland

OT: Otago

SA: South Auckland

WK: Waikato

Neut	Neutralisation test	IF	Immunofluorescence test
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

Thank you to all who have participated in this years Influenza Surveillance network. Please note that the Influenza Surveillance is now finished (as at 29 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 Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of October.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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