



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2005/44 09 November 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 31/10/2005 - 06/11/2005

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A					1		1
Mycoplasma Pneumoniae		4		1	6	1	12
Parainfluenza 3	1						1
Respiratory Syncytial Virus (RSV)	1						1
Rhinovirus		1					1
Rotavirus		2		1	1	4	8
Varicella Zoster Virus (VZV)	2				1		3
Adenovirus	3	5			2		10
Enterovirus	2	2	2		3		9

In October 2005, Middlemore hospital reported 1 Adenovirus 40/41, 2 Respiratory Syncytial Virus (RSV), and 56 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 1	Neut	CB	Conjunctival swab	12.10.2005	56 Y/M	
Adenovirus	Type 1	Neut	WK	Nasal swab	26.9.2005	11 M/F	Respiratory Illness
Adenovirus	Type 1	Direct IF, Neut	SA	NPA	20.10.2005	8M/F	Respiratory Illness
Adenovirus	Type 2	Neut	WK	Nasal swab	04.10.2005	1 Y/M	Respiratory Illness
Adenovirus	Type 2	Neut	WK	Throat swab	13.10.2005	7 Y/M	Viral Illness
Adenovirus	Type 2	Neut	WK	Nasal swab	15.9.2005	2 M/M	Respiratory Illness
Adenovirus	Type 2	Neut	CB	Not specified	28.9.2005	19 Y/F	
Adenovirus	Type 2	Neut	WK	Throat swab	03.10.2005	2 Y/M	Unknown
Adenovirus	Type 3	Neut	CB	Not specified	13.10.2005	53 Y/M	
Adenovirus	Type 3	Neut	WK	Throat swab	18.10.2005	14 Y/M	Unknown
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	17.10.2005	12Y/F	Unknown
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	17.10.2005	25Y/F	Conjunctivitis
Adenovirus	Type 3	Direct IF, Neut	CA	NPA	14.10.2005	17M/F	Unknown
Adenovirus	Type 3	IF, Neut	CA	Eye Swab	19.10.2005	33Y/F	Red Eye
Adenovirus	Type 4	Direct IF, Neut	CA	NPA	12.10.2005	3M/M	Bronchiolitis
Adenovirus	Type 4	IF, Neut	NW	Eye Swab	04.10.2005	38Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	WK	Throat swab	10.10.2005	7 Y/M	Pharyngitis & conjunctivitis
Adenovirus	Type 4	IF, Neut	CA	Sputum	26.9.2005	32M/M	Respiratory Illness
Adenovirus	Type 5	Direct IF, Neut	CA	NPA	17.10.2005	4W/M	Fever
Adenovirus	Type 37	Neut	CB	Eye swab	12.10.2005	20 Y/F	
Enterovirus	Coxsackievirus Group B type 1	IF, Neut	WK	Faeces, Throat swab	06.10.2005	3 M/M	

CA: Central Auckland

CB: Canterbury

NW: North West Auckland

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

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

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