



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2004/45 10 November 2004

A summary of laboratory-diagnosed viral infections of interest for the week of 01/11/2004 - 07/11/2004

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1		2				3
Influenza B	1		1		3	1	6
Parainfluenza 1					1		1
Parainfluenza 3	3				1		4
Respiratory Syncytial Virus (RSV)	1	1					2
Rhinovirus		3					3
Varicella Zoster Virus (VZV)		1			7		8
Rotavirus		1		2	2		5
Mycoplasma Pneumoniae				1	6		7
Adenovirus	12	2			1		15
Enterovirus	2	1	1		1		5

NB: In October Middlemore Hospital reported 1 RSV and 18 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	IF, Neut	CA	NPA	19.10.2004	16M/M	---
Adenovirus	Type 2	Neut	WK	Throat swab	05.10.2004	2Y/F	---
Adenovirus	Type 5	IF, Neut	CA	NPA	17.10.2004	2M/M	---
Adenovirus	Type 41	IF	WK	Faeces	20.05.2004	1Y/M	Pneumonia, diarrhoea
Adenovirus	Type 41	IF	WK	Faeces	12.05.2004	9M/F	Diarrhoea
Adenovirus	Untypable	Neut	WK	Eye swab	13.10.2004	38Y/M	---
Adenovirus	Untypable	Neut	CA	Eye swab	29.09.2004	25Y/M	Conjunctivitis
Adenovirus	Untypable	Neut	CB	NPA	22.09.2004	13Y/M	Petecchial rash
Enterovirus	Echovirus type 30	IF, Neut	WK	Throat swab, CSF	12.10.2004	5Y/M	Headache, fever
Enterovirus	Coxsackie B type 5	IF, Neut	OT	Not specified	30.09.2004	28D/M	---

CA: Central Auckland

CB: Canterbury

OT: Otago

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	Intratyptic differentiation	CSF	Cerebrospinal fluid

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 Webber, Virology, Communicable Disease Group

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**