



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2009/39 02 October 2009

A summary of laboratory-diagnosed viral infections of interest for the week of 21/09/2009 - 27/09/2009

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A					1	1
Influenza A H1N1 swl	2	2	1		2	7
Metapneumovirus		4				4
Mycoplasma Pneumoniae		1		1	4	6
Parainfluenza 1		1				1
Parainfluenza 3	15	3			4	22
Respiratory Syncytial Virus (RSV)	4	5		2	12	23
Rotavirus	1			1	6	8
Varicella Zoster Virus (VZV)	1	6			13	20
Adenovirus	8	2			2	12
Enterovirus	4	2			2	8

In September 2009, Middlemore Hospital identified 20 Respiratory Syncytial Virus (RSV) and 47 Rotavirus infections.

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 3	Neut	CB	NPS	13.9.2009	8 M/M	
Adenovirus	Type 3	Neut	CB	Eye	03.9.2009	47 Y/F	
Adenovirus	Type 3	Neut	WK	Eye	01.9.2009	24 Y/F	
Adenovirus	Type 4	Neut	WK	Eye	10.8.2009	11 Y/F	
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CA	NPA	17.9.2009	1 Y/M	
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CA	NPA	13.9.2009	1 Y/F	
Enterovirus	Echovirus type 27	IF, Neut	CA	NPA	11.9.2009	4 M/M	

CA: Central Auckland

CB: Canterbury

WK: Waikato

Neut Neutralisation test
NPA Nasopharyngeal AspirateIF Immunofluorescence test
NPS Nasopharyngeal Swab

NOTE: During April to September 2009, 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 Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group

Institute of Environmental Science & Research Limited
ESR NCBID - Wallaceville
66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

**A CROWN RESEARCH
INSTITUTE**