



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2009/47 26 November 2009

A summary of laboratory-diagnosed viral infections of interest for the week of 16/11/2009 - 22/11/2009

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl			1			1
Metapneumovirus		2				2
Mycoplasma Pneumoniae				2	2	4
Parainfluenza 1					1	1
Parainfluenza 3	1				3	4
Respiratory Syncytial Virus (RSV)	1			1	1	3
Rhinovirus	2					2
Rotavirus	5	3		5	2	15
Varicella Zoster Virus (VZV)	1	9			26	36
Adenovirus	9	3			3	15
Enterovirus	2			1	5	8
Measles					1	1

In October 2009, Middlemore Hospital identified 6 Respiratory Syncytial Virus (RSV) and 21 Varicella Zoster Virus (VZV) 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	CA	NPA	28.10.2009	5M/F	
Adenovirus	Type 3	Neut	CA	NPA	31.10.2009	11M/M	Bronchiolitis
Adenovirus	Type 8	Neut	CA	Eye	02.11.2009	1Y/F	
Adenovirus	Type 8	Neut	CA	Eye	02.11.2009	43Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye	02.11.2009	37Y/M	
Adenovirus	Type 8	Neut	CA	Eye	28.10.2009	38Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 3	Seq	WK	Faeces	01.9.2009	1M/M	Febrile
Measles		IgM	HB	Serum	13.11.2009	24Y/F	

CA: Central Auckland

HB: Hawkes Bay

WK: Waikato

Neut Neutralisation test  
IgM Positive IgM ELISANPA Nasopharyngeal Aspirate  
Seq PCR sequencing

NOTE: During April to November 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](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](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.

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