



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2009/37 17 September 2009

A summary of laboratory-diagnosed viral infections of interest for the week of 07/09/2009 - 13/09/2009

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2		1			3
Influenza A H1N1 swl	1		1		1	3
Mycoplasma Pneumoniae		2			4	6
Parainfluenza 3	4	2				6
Respiratory Syncytial Virus (RSV)	9	7			26	42
Rotavirus	4	2			2	8
Varicella Zoster Virus (VZV)		1			13	14
Adenovirus	6	4	1			11
Enterovirus	3				2	5

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 3	Seq	CB	Eye	20.4.2009	2 Y/F	
Adenovirus	Type 3	Neut	WK	Throat	01.5.2009	9 Y/M	Tonsillitis
Adenovirus	Type 4	Neut	WK	Eye	12.5.2009	29 Y/F	
Adenovirus	Type 8	Neut	WK	Eye	04.8.2009	45 Y/M	Persistent conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye	11.8.2009	61 Y/M	Viral conjunctivitis
Adenovirus	Type 8	Seq	CB	Eye	23.4.2009	33 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	01.4.2009	75 Y/F	
Adenovirus	Type 8	Neut	WK	Eye	01.6.2009	55 Y/F	
Adenovirus	Type 8	Neut	WK	Eye	21.6.2009	71 Y/M	
Adenovirus	Type 8	Neut	WK	Eye	14.8.2009	54 Y/M	Viral conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye	12.5.2009	31 Y/F	Conjunctivitis
Adenovirus	Type 15/29	Neut	WK	Eye	18.6.2009	38 Y/M	
Adenovirus	Type 22	Seq	CB	Eye	17.4.2009	51 Y/M	
Adenovirus	Type 37	Neut	CB	Eye	10.3.2009	23 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 9	Seq	WK	Throat	31.3.2009	16 Y/F	
Enterovirus	Coxsackievirus Group A type 9	Seq	CB	Faeces	29.4.2009	1 M/F	
Enterovirus	Coxsackievirus Group A type 9	Seq	WK	Faeces	11.5.2009	16 M/M	
Enterovirus	Coxsackievirus Group A type 9	Seq	WK	Throat	29.3.2009	17 M/M	Rash
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CA	NPA	06.9.2009	2M/F	
Enterovirus	Coxsackievirus Group B type 3	IF, Neut	CA	NPA	02.9.2009	4M/M	Cough

CA: Central Auckland

CB: Canterbury

WK: Waikato

Neut Neutralisation test
NPA Nasopharyngeal Aspirate

IF Immunofluorescence test
Seq PCR sequencing

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