



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/35 03 September 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 25/08/2008 - 31/08/2008

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	5	1	8		7	21
Influenza B	19	7	24		29	79
Mycoplasma Pneumoniae		3			4	7
Parainfluenza 1					1	1
Parainfluenza 3	2					2
Respiratory Syncytial Virus (RSV)	25	17			2	44
Rotavirus	1			1	1	3
Varicella Zoster Virus (VZV)	1	2			10	13
Adenovirus	4		3			7
Rubella					1	1

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 2	IF, Neut	SA	NPA	26.8.2008	13M/M	Respiratory Pneumonia
Adenovirus	Type 3	Neut	WK	Eye swab	25.7.2008	33 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	21.7.2008	2 Y/M	
Adenovirus	Type 3	Neut	WK	Eye swab	11.8.2008	64 Y/M	
Adenovirus	Type 37	Neut	CB	Eye swab	22.5.2008	73 Y/F	
Adenovirus	Type 5	IF, Neut	SA	NPA	18.7.2008	9M/M	
Adenovirus	Type 8	IF, Neut	NW	Eye swab	22.7.2008	22/F	
Adenovirus	Type 8	Neut	WK	Eye swab	06.6.2008	36 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	05.5.2008	1 M/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	13.5.2008	5 Y/M	Conjunctivitis
Enterovirus	Echovirus type 4	IF, Neut	CA	NPA	26.7.2008	3M/F	
Enterovirus	Echovirus type 6	IF, Neut	SA	NPA	06.8.2008	10Y/M	Fever, Headache, ?Influenza
Enterovirus	Echovirus type 9	IF, Neut	WK	Faeces	15.4.2008	2 M/F	?ETV
Rubella		IgM	CB	Serum	05.3.2008	30/F	Small for date baby. No known infection.

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	Intratyptic differentiation	CSF	Cerebrospinal Fluid

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NOTE: During April to September 2008, 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.

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