



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/24 19 June 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 09/06/2008 - 15/06/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1	1	3		6	11
Influenza B			2		1	3
Parainfluenza 1	1	1				2
Respiratory Syncytial Virus (RSV)	4	1				5
Rotavirus	1				2	3
Varicella Zoster Virus (VZV)	3	3			12	18
Adenovirus	4	1	1			6
Enterovirus					4	4
Measles					1	1
Mumps		1			1	2

In May 2008, Middlemore hospital reported 1 Adenovirus 40/41, 1 Respiratory Syncytial Virus (RSV), 1 Rotavirus infection.

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	IF	SA	Eye Swab	28.5.2008	35Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	CB	Nasal	22.5.2008	8 M/F	
Adenovirus	Type 8	Neut	CA	Eye Swab	19.5.2008	26Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	21.5.2008	26Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	23.5.2008	14Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	22.5.2008	51Y/F	Unknown
Adenovirus	Type 37	Neut	CB	Eye swab	08.5.2008	27 Y/M	
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	WK	Mouth	19.4.2008	2 Y/M	?Coxsackie virus
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	WK	Mouth	12.5.2008	8 M/M	? Herpetic mouth ulcers
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	WK	Throat	12.5.2008	4 Y/F	Respiratory Illness
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	WK	Skin swab	16.5.2008	7 M/M	Hand, foot and mouth symptoms
Measles		IgM	CB	Serum	09.6.2008	13/M	Contact with positive case
Mumps		IgM	HB	Serum	10.6.2008	54/F	Lymphadenopathy and parotid swelling
Mumps		IgM	WK	Serum	09.6.2008	3Y/M	Diagnosed Mumps?

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

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

NOTE: During May 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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