



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/31 07 August 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 28/07/2008 - 03/08/2008

VIROLOGY INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	6	3	8		9	26
Influenza B	10		6		10	26
Mycoplasma Pneumoniae		1			6	7
Parainfluenza 1	1					1
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)	20	11		2	10	43
Rotavirus	2				5	7
Varicella Zoster Virus (VZV)	2	5		3	12	22
Adenovirus	1					2
Measles					1	1
Mumps					1	1
Rubella					2	2

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 5	Neut	SA	Faeces	10.7.2008	23M/F	
Enterovirus	Echovirus type 6	IF, Neut	WN	CSF	30.5.2008	21 Y/M	Headache
Enterovirus	Echovirus type 6	IF, Neut	WN	CSF	23.5.2008	24 Y/F	Viral meningitis
Measles		IgM	HB	Serum	29.7.2008	16/M	None
Mumps		IgM	HB	Serum	29.7.2008	30/F	Mumps
Rubella		IgM	CB	Serum	28.7.2008	3/M	6 weeks post MMR
Rubella		IgM	HB	Serum	25.7.2008	51/F	Previous positive Rubella IgM

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

SA: South Auckland

TG: Tauranga

WK: Waikato WN: Wellington

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	Intratype 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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