



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/34 31 August 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 20/08/2007 - 26/08/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	5	2	1		64	72
Influenza B	1		1		14	16
Mycoplasma Pneumoniae		1			1	2
Parainfluenza 3	2					2
Respiratory Syncytial Virus (RSV)	47	15			17	79
Rotavirus	1			3	1	5
Varicella Zoster Virus (VZV)	3	5			3	11
Adenovirus	8	7				15
Enterovirus					2	2
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	Neut	WK	Throat swab	07.8.2007	1 Y/M	Tonsillitis
Adenovirus	Type 8	Neut	SA	Eye Swab	13.6.2007	11 Y/M	Conjunctivitis
Enterovirus	Echovirus type 30	IF, Neut	WK	CSF	28.6.2007	36 Y/F	Head ache
Enterovirus	Echovirus type 30	IF, Neut	CA	Throat swab	21.5.2007	6 M/M	Unknown
Enterovirus	Echovirus type 30	IF, Neut	WN	CSF	05.6.2007	4 Y/M	Neck stiffness
Rubella		IgM	CB	Serum	19.8.2007	2 days/F	Baby of mother who had rubella at 18/40. Rubella contracted while overseas in Egypt.

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)NPA

RT-PCR Polymerase Chain Reaction (RNA)NPS

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

Nasopharyngeal Aspirate

Nasopharyngeal Swab

HAI Haemagglutination Inhibition test

CFT Complement Fixation Test

CSF Cerebrospinal Fluid

NOTE: During April to September 2007, 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 and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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