



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/36 11 September 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 01/09/2008 - 07/09/2008

VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	3		1		6	10
Influenza B	9	3	17		31	60
Mycoplasma Pneumoniae		1			2	3
Parainfluenza 3	6	1			2	9
Respiratory Syncytial Virus (RSV)	30	12		7	8	57
Rotavirus					4	4
Varicella Zoster Virus (VZV)	1	6			6	13
Adenovirus	12				1	13
Enterovirus				1		1
Measles					1	1

In August 2008, Middlemore hospital reported 1 Adenovirus 40/41, 90 Respiratory Syncytial Virus (RSV), 2 Rotavirus infections.

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 8	IF, Neut	CA	Right Eye	11.8.2008	13.86/F	Conjunctivitis
Measles		IgM	SO	Serum	30.8.2008	-/F	Day 9 Post MMR

CA: Central Auckland

SO: Southland

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	Intratypic 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.

In the weekly report (2008/35) published on 3 September 2008, a 30 year old female with Rubella IgM positive case was reported. TORCH serology was performed for sera collected in March and August 2008 when she was 32 weeks pregnant and her baby was small for dates. All sera were Rubella IgG and IgM positive. When an alternative test kit was used, the sera yielded equivocal IgM results. The sera samples have been forwarded to VIDRL, the WHO regional reference lab for further testing. It probably is a false positive case and not congenital rubella. Both mother and baby are being monitored closely.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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