



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/37 21 September 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 10/09/2007 - 16/09/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	6	1	4		20	31
Influenza B			6		10	16
Mycoplasma Pneumoniae					2	2
Parainfluenza 3	8	4			2	14
Respiratory Syncytial Virus (RSV)	11	10			20	41
Rotavirus	12	1		6	6	25
Varicella Zoster Virus (VZV)	1	1			6	8
Adenovirus	10	2	1		2	15
Enterovirus	2	2				4
Mumps					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 8	Neut	WK	Eye swab	14.8.2007	85 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	13.8.2007	17Y/M	Red Eye
Adenovirus	Type 8	Neut	WK	Eye swab	13.8.2007	26 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	10.8.2007	14 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	10.8.2007	48 Y/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	03.8.2007	57Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	WK	Eye swab	09.8.2007	50 Y/M	? Adenovirus
Adenovirus	Type 37	Neut	CA	Urethral & Conjunctival swab	26.7.2007	46 Y/M	
Mumps		IgM	CB	Serum	11.9.2007	17/F	Hepatitis 1/12 from Afghanistan (also equivocal EBV IgM)

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

RT-PCR Polymerase Chain Reaction (RNA)

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

NPS 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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