



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/33 22 August 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 13/08/2007 - 19/08/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	2	1	8		74	85
Influenza B			2		3	5
Mycoplasma Pneumoniae					2	2
Respiratory Syncytial Virus (RSV)	24	23		2	16	65
Rotavirus	2			3	2	7
Varicella Zoster Virus (VZV)	4	3			9	16
Adenovirus		4			2	6
Enterovirus	1					1
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 3	Neut	SA	Eye Swab	19.7.2007	10Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	16.7.2007	44 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	07.6.2007	43 Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye Swab	18.6.2007	21 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	22.6.2007	58 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	13.7.2007	35 Y/F	
Adenovirus	Type 8	Neut	WK	Eye Swab	12.7.2007	31 Y/F	
Adenovirus	Type 8	Neut	CA	Eye Swab	12.7.2007	58Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye Swab	16.7.2007	25 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	17.7.2007	3 Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye Swab	17.7.2007	9 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye Swab	18.7.2007	18 Y/M	Red Eye
Adenovirus	Type 8	Neut	SA	Eye Swab	11.7.2007	27Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	15.7.2007	48Y/F	Unknown
Mumps		IgM	WN	Serum	13.8.2007	23 M/M	Swelling left parotid area

CA: Central Auckland

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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