



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/28 19 July 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 09/07/2007 - 15/07/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	10	4	5		11	30
Influenza B	3				8	11
Mycoplasma Pneumoniae		1			1	2
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)	12	6			10	28
Varicella Zoster Virus (VZV)	4	4			5	13
Adenovirus	7	1			3	12
Enterovirus	2					2
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 1	Neut	CB	Throat swab	22.6.2007	14 Y/F	
Adenovirus	Type 3	Neut	CB	Not specified	16.6.2007	5 Y/M	
Adenovirus	Type 8	Neut	NL	Eye Swab	08.6.2007	27Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	12.6.2007	16Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	16.6.2007	16 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	09.6.2007	52 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	09.6.2007	41 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	SA	Eye Swab	22.5.2007	39Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	NW	Eye Swab	02.4.1958	49Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	CA	Eye Swab	23.5.2007	77Y/M	Unknown
Adenovirus	Untypable	Neut	CB	Eye swab	11.5.2007	43 Y/M	
Mumps		IgM	HU	Serum	11.7.2007	11m/F	? Mumps encephalitis

CA: Central Auckland

CB: Canterbury

HU: Hutt

NL: Northland

NW: North West Auckland

SA: South Auckland

WK: Waikato

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 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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