



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/39 04 October 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 24/09/2007 - 30/09/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	1		1		3	5
Influenza B	2		3		6	11
Parainfluenza 3	10					10
Respiratory Syncytial Virus (RSV)	9	6			9	24
Rotavirus	7			5	4	16
Varicella Zoster Virus (VZV)	2	4			3	9
Adenovirus	9	4			1	14
Enterovirus	2				2	4
Mumps		1				1

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 1	Neut	SA	NPA	17.8.2007	7M/F	Respiratory Illness
Adenovirus	Type 1	Neut	WK	Eye swab	26.7.2007	9 M/M	Conjunctivitis
Adenovirus	Type 1	Neut	WK	Eye swab	21.7.2007	72 Y/F	Conjunctivitis
Adenovirus	Type 1	Neut	WK	Eye swab	22.7.2007	64 Y/F	Unknown
Adenovirus	Type 2	Neut	SA	NPA	24.8.2007	19M/F	Respiratory Illness
Adenovirus	Type 2	Neut	SA	NPA	24.8.2007	16M/M	Respiratory Illness
Adenovirus	Type 3	Neut	CA	NPA	28.8.2007	11M/M	Respiratory Illness, ?RSV
Adenovirus	Type 5	Neut	WK	Throat swab	27.7.2007	9 M/M	Unknown
Adenovirus	Type 7	Neut	SA	NPA	31.8.2007	32M/F	Respiratory Illness
Adenovirus	Type 7	Neut	CB	Eye swab	23.7.2007	35 Y/M	
Adenovirus	Type 8	Neut	SA	Eye Swab	26.8.2007	39Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	06.9.2007	54Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	10.7.2007	25 Y/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	29.8.2007	2M/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	31.5.2007	20 M/M	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	23.8.2007	15Y/M	Conjunctivitis
Adenovirus	Type 15/29	Neut	CA	Eye swab	12.7.2007	48 Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	CA	Eye Swab	24.8.2007	33Y/F	Conjunctivitis
Adenovirus	Type 37	Neut	CA	Eye Swab	25.8.2007	21Y/F	Unknown
Adenovirus	Type 37	Neut	CA	Eye Swab	31.8.2007	54Y/F	Conjunctivitis
Mumps		IgM, IgG	WK	Serum	19.9.2007	21Y/F	

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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