



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/36 12 September 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 03/09/2007 - 09/09/2007

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	5				29	34
Influenza B	2		2		11	15
Mycoplasma Pneumoniae				1		1
Parainfluenza 3	3	1			2	6
Respiratory Syncytial Virus (RSV)	14	18		1	20	53
Rotavirus	7	1		11	4	23
Varicella Zoster Virus (VZV)	1	6			5	12
Adenovirus	14	7				21
Enterovirus	2	2				4

In August 2007, Middlemore hospital reported 104 Respiratory Syncytial Virus (RSV), and 13 Rotavirus infections.

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	WK	Eye swab	13.8.2007	16 Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	WK	Eye swab	02.8.2007	24 Y/M	Unknown
Adenovirus	Type 3	Neut	CB	Throat swab	09.7.2007	12 M/M	
Adenovirus	Type 37	Neut	CA	Eye Swab	03.9.2007	35Y/M	Unknown
Adenovirus	Type 7	Neut	NW	Eye Swab	15.8.2007	8Y/M	Unknown
Adenovirus	Type 7	Neut	SA	Eye Swab	16.8.2007	30Y/F	Conjunctivitis
Adenovirus	Type 7	Neut	SA	NPA	22.8.2007	53Y/F	Respiratory Illness
Adenovirus	Type 7	Neut	SA	Throat Swab	27.8.2007	3Y/F	
Adenovirus	Type 8	Neut	WK	Eye swab	08.8.2007	27 Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye Swab	17.8.2007	31Y/F	Conjunctivitis, Red Eye
Adenovirus	Type 8	Neut	WK	Eye swab	03.8.2007	43 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	NL	Eye Swab	03.8.2007	54Y/M	Unknown
Adenovirus	Type 8	Neut	NL	Eye Swab	03.8.2007	8Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	07.8.2007	41Y/F	Conjunctivitis

CA: Central Auckland

CB: Canterbury

NL: Northland

NW: North West Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test
 PCR Polymerase Chain Reaction (DNA)
 RT-PCR Polymerase Chain Reaction (RNA)

IF Immunofluorescence test
 NPA Nasopharyngeal Aspirate
 NPS Nasopharyngeal Swab

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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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