



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/41 19 October 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 08/10/2007 - 14/10/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					
	Auckland	Waikato	ESR	Wellington	Christchurch	TOTAL
Influenza A	1		3		1	5
Influenza B			4		1	5
Mycoplasma Pneumoniae		1		1	2	4
Parainfluenza 3	6		1		1	8
Respiratory Syncytial Virus (RSV)	4	2			7	13
Rhinovirus					1	1
Rotavirus	7	6		9	11	33
Varicella Zoster Virus (VZV)	2	8		2	6	18
Adenovirus	21	6	1		1	29
Mumps		3			1	4

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	CA	Eye swab	17.8.2007	23 Y/M	Unknown
Adenovirus	Type 1	Neut	WK	Throat swab	10.9.2007	34 Y/F	Unknown
Adenovirus	Type 2	Neut	SA	NPA	15.9.2007	7W/M	Respiratory Illness
Adenovirus	Type 3	Neut	CA	Eye Swab	07.9.2007	27M/F	Unknown
Adenovirus	Type 3	Neut	SA	Throat Swab	09.8.2007	42Y/F	Unknown
Adenovirus	Type 3	Neut	CA	Eye Swab	04.9.2007	39Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	CA	NPA	11.9.2007	23M/M	Unknown
Adenovirus	Type 3	Neut	NW	NPA	13.9.2007	22M/M	Respiratory illness, febrile
Adenovirus	Type 3	Neut	SA	Eye Swab	16.9.2007	6M/F	Unknown
Adenovirus	Type 3	Neut	HB	Eye swab	05.9.2007	30 Y/F	
Adenovirus	Type 3	Neut	CA	Eye Swab	17.9.2007	46Y/F	Conjunctivitis
Adenovirus	Type 3	Neut	SA	Eye Swab	20.9.2007	33Y/F	Unknown
Adenovirus	Type 4	Neut	CB	NPS	04.9.2007	16 Y/F	
Adenovirus	Type 5	Neut	WK	Nasal swab	04.9.2007	4 M/F	Respiratory Illness
Adenovirus	Type 6	Neut	SA	Rectal	31.8.2007	2M/M	Unknown, ?Enterovirus
Adenovirus	Type 7	Neut	CA	Eye Swab	29.8.2007	29Y/F	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	28.7.2007	1 Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	14.9.2007	17Y/M	Unknown
Adenovirus	Type 8	Neut	WK	Eye swab	31.8.2007	67 Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	WK	Eye swab	06.9.2007	40 Y/M	
Adenovirus	Untypable	Neut	CB	Faeces	22.8.2007	6 M/M	Fever
Enterovirus	Echovirus type 11	IF, Neut	WK	CSF	26.8.2007	34 Y/M	Meningitis
Enterovirus	Echovirus type 30	IF, Neut	WK	CSF	26.8.2007	26 Y/F	?SAH
Enterovirus	Untypable	IF, Neut	CA	Throat swab	21.5.2007	12 M/M	Unknown
Mumps		IgM	OT	Serum	05.10.2007	27Y/F	SLE, neutropenic, cough
Mumps		IgM, IgG	WK	Serum	05.10.2007	22Y/M	Swelling of parotid glands
Mumps		IgM, IgG, IF	WK	Serum,Urine	07.10.2007	20Y/M	Swelling of parotid glands
Mumps		IgM, IgG	WK	Serum	11.10.2007	19Y/M	Swelling of parotid glands

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

NW: North West Auckland

OT: Otago

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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