



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/50 20 December 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 10/12/2007 - 16/12/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Mycoplasma Pneumoniae					1	1
Parainfluenza 3	1				1	2
Respiratory Syncytial Virus (RSV)				1		1
Rotavirus	2	5		1	9	17
Varicella Zoster Virus (VZV)	3	5			6	15
Adenovirus	8	1	1			10
Enterovirus	2		3		3	8
Rubella					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 3	Neut	CB	Eye swab	09.11.2007	32 Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Eye Swab	31.10.2007	42Y/M	Unknown
Adenovirus	Type 3	Neut	CA	Eye Swab	09.10.2007	16M/M	Unknown
Adenovirus	Type 3	Neut	WK	Eye swab	26.9.2007	38 Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Eye swab	17.11.2007	68 Y/M	
Adenovirus	Type 3	Neut	CA	Throat Swab	13.10.2007	4Y/F	Unknown
Adenovirus	Type 3	Neut	SA	NPA	24.10.2007	30M/M	Unknown
Adenovirus	Type 7	Neut	CA	NPA	09.9.2007	6 M/M	Unknown
Adenovirus	Type 8	Neut	SA	Eye Swab	05.11.2007	22Y/F	?Adenovirus
Adenovirus	Untypable	Neut	WK	Nasal	25.10.2007	1 Y/M	Respiratory Illness
Adenovirus	Untypable	Neut	WK	Nasal	25.10.2007	8 M/F	Bronchiolitis
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	CA	Mouth ulcers	16.7.2007	3 Y/M	Ulcers
Enterovirus	Echovirus type 7	IF, Neut	WN	Faeces	28.11.2007	2 M/M	
Rubella		IgM	CB	Serum	10.12.2007	32/F	Unexplained IUFD at 21 weeks

CA: Central Auckland

CB: Canterbury

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

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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