



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/47 28 November 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 19/11/2007 - 25/11/2007

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A			2			2
Mycoplasma Pneumoniae					1	1
Parainfluenza 3		2			3	5
Respiratory Syncytial Virus (RSV)					2	2
Rotavirus	4	10			5	19
Varicella Zoster Virus (VZV)	3	6		1	8	18
Adenovirus	10				3	13
Enterovirus					2	2
Rubella					2	2

## 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	14.10.2007	8M/F	Unknown
Adenovirus	Type 1	Neut	SA	NPA	14.9.2007	5M/F	Unknown
Adenovirus	Type 3	Neut	NW	Eye Swab	24.9.2007	13Y/F	Hypermia of left eye
Adenovirus	Type 3	Neut	NW	Eye Swab	24.9.2007	9M/F	Unknown
Adenovirus	Type 3	Neut	CA	Eye Swab	08.9.2007	29Y/F	Neutropenic; Weepy eye
Adenovirus	Type 3	Neut	CA	Eye Swab	19.9.2007	32Y/F	Red Eye
Adenovirus	Type 8	Neut	CA	Eye Swab	30.10.2007	36Y/M	Unknown
Adenovirus	Type 8	Neut	NW	Eye Swab	29.10.2007	21Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	NW	Eye Swab	26.10.2007	31Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	01.10.2007	22Y/M	Unknown
Adenovirus	Type 37	Neut	SA	Eye Swab	26.10.2007	20Y/M	Conjunctivitis
Rubella		IgM	HB	Serum	19.11.2007	36/F	Still birth post term
Rubella		IgM	OT	Serum	14.11.2007	13M/M	? Measles

CA: Central Auckland

HB: Hawkes Bay

NW: North West Auckland

OT: Otago

SA: South Auckland

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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