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## VIROLOGY WEEKLY REPORT

2011/50 20 December 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 12/12/2011 - 18/12/2011

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Metapneumovirus	3			1	4
Mycoplasma Pneumoniae	1			4	5
Parainfluenza 2	1				1
Parainfluenza 3	2				2
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	2			1	3
Rhinovirus				3	3
Rotavirus	4	5		10	19
Varicella Zoster Virus (VZV)	4	2	3	4	13
Adenovirus	4	3	1		8
Enterovirus	6	4	3		13
Measles	14		2	1	17
Rubella				1	1

### TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 1	Seq	CB	NPA	13.11.2011	6 M/F	
Adenovirus	Type 1	Seq	SA	NPA	24.10.2011	5 M/F	Bronchiolitis
Adenovirus	Type 1	Seq	WK	NPA	06.11.2011	1 Y/F	
Adenovirus	Type 1	Seq	SA	NPA	27.10.2011	11M/M	Pneumonia
Adenovirus	Type 1	Seq	SA	NPA	07.11.2011	5 M/M	Bronchiolitis
Adenovirus	Type 2	Seq	SA	NPA	21.10.2011	9 M/M	Bronchiolitis
Adenovirus	Type 2	Seq	SA	NPA	24.10.2011	20 M/F	Pneumonia
Adenovirus	Type 2	Seq	SA	NPA	26.10.2011	15 M/F	Bronchiolitis
Adenovirus	Type 2	Seq	SA	NPA	05.11.2011	6 M/M	URTI
Adenovirus	Type 2	Seq	WK	Nasal	03.11.2011	3 M/M	Bronchiolitis
Adenovirus	Type 2	Seq	SA	NPA	27.10.2011	16M/M	LRTI
Adenovirus	Type 3	Seq	WK	NPA	19.10.2011	11 M/F	Pneumonia
Adenovirus	Type 4	Seq	CB	Eye	28.10.2011	39 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	SA	Throat	08.11.2011	24 Y/F	URTI

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Adenovirus	Type 4	Neut	CA	Eye Swab	24.11.2011	41Y/F	
Adenovirus	Type 4	Neut	CA	Eye Swab	24.11.2011	5Y/M	Conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye Swab	25.11.2011	3Y/M	
Adenovirus	Type 4	Seq	CB	Eye	26.10.2011	37 Y/M	
Adenovirus	Type 5	Seq	SA	NPA	30.10.2011	18M/M	
Measles		IgM	CA	Serum	12.12.2011	9Y/M	Cough, coryza, Conjunctivitis, Rash
Measles		PCR	CA	Swab	13.12.2011	32Y/F	
Measles		PCR	CA	Throat swab	12.12.2011	1Y/M	Rash 24hrs, febrile
Measles		PCR	CA	Swab	12.12.2011	13Y/F	
Measles		PCR	CA	Throat swab	12.12.2011	12Y/M	Rash
Measles		PCR	CA	Swab	13.12.2011	1Y/M	
Measles		IgM	CA	Serum	14.12.2011	2Y/F	
Measles		PCR	NM	NPS	14.12.2011	11M/M	Measles contact
Measles		PCR	CA	Throat swab	12.12.2011	6Y/F	
Measles		PCR	CA	Throat swab	13.12.2011	12Y/F	Rash
Measles		PCR	CA	Swab	13.12.2011	19Y/M	
Measles		PCR	CA	Throat swab	14.12.2011	1Y/F	Rash
Measles		PCR	CA	Swab	16.12.2011	43Y/F	
Measles		PCR	WK	Throat	08.12.2011	4 Y/M	
Measles		PCR	WK	Throat	08.12.2011	18 Y/M	
Measles		IgM	CA	Serum	11.12.2011	34Y/F	Fever
Measles		PCR	CA	Swab	15.12.2011	1Y/F	
Rubella		IgM	HB	Serum	14.12.2011	23Y/F	1 month post Rubella vax

CA Central Auckland

CB Canterbury

HB Hawkes Bay

NM Nelson-Marlborough

SA South Auckland

WK Waikato

Neut Neutralisation test

PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

IgM Positive IgM ELISA

Seq PCR sequencing

NPA Nasopharyngeal aspirate

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

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