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## VIROLOGY WEEKLY REPORT

2012/13 04 April 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 26/03/2012 - 01/04/2012

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

	Regions Reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A H3N2				3	3
Metapneumovirus	1				1
Parainfluenza 1	1				1
Parvovirus				1	1
Respiratory Syncytial Virus (RSV)	3			4	7
Rhinovirus				8	8
Rotavirus	2	3			5
Varicella Zoster Virus (VZV)	6	5	2	11	24
Adenovirus	6	5		1	12
Enterovirus	2	1		1	4
Measles	1				1
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 2	Seq	WK	NPA	17.2.2012	4 M/F	
Adenovirus	Type 3	Seq	WK	NPA	29.2.2012	8 M/M	Bronchitis
Adenovirus	Type 3	Seq	CB	Eye	06.3.2012	8 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	10.2.2012	39 Y/F	
Adenovirus	Type 4	Seq	WK	Eye	17.2.2012	37 Y/F	
Adenovirus	Type 4	Seq	WK	Eye	03.3.2012	37 Y/F	Conjunctivitis
Adenovirus	Type 5	Seq	WK	Nasal	24.2.2012	8 M/M	Bronchiolitis
Adenovirus	Type 8	Seq	CB	Eye	07.3.2012	28 Y/F	
Adenovirus	Type 8	Seq	CB	Eye	27.2.2012	21 Y/M	
Adenovirus	Type 8	Seq	CB	Urine	22.2.2012	7 Y/M	Haematuria
Adenovirus	Type 8	Seq	CB	Eye	20.2.2012	22 Y/F	Swollen eye
Adenovirus	Type 8	Seq	CB	Eye	07.3.2012	44 Y/M	
Influenza A	A/Perth/16/2009 (H3N2) - like	HAI	SA	Sputum	07.3.2012	32 Y/M	Heart failure, pneumonia
Influenza B	B/Brisbane/60/20 08 - like	HAI	CB	Swab	08.3.2012	21 Y/F	
Influenza B	B/Brisbane/60/20 08 - like	HAI	SA	Pernasal	09.3.2012	25 Y/M	
Influenza B	B/Brisbane/60/20 08 - like	HAI	WN	NPS	12.3.2012	56 Y/F	
Measles		PCR	CA	Swab	24.3.2012	8 Y/F	Sore throat, cough, coryza, maculopapular rash
Rubella		IgM	WN	Serum	26.3.2012	48Y/F	Maculopapular rash on the trunk

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

PCR Polymerase Chain Reaction  
 NPS Nasopharyngeal Swab  
 HAI Haemagglutination Inhibition test

NPA Nasopharyngeal Aspirate  
 IgM Positive IgM ELISA  
 Seq PCR sequencing

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

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