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## VIROLOGY WEEKLY REPORT

2012/15 19 April 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 09/04/2012 - 15/04/2012

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

	Regions reporting Virus Identification					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza B	2					2
Metapneumovirus		1				1
Parainfluenza 1	1					1
Respiratory Syncytial Virus (RSV)	3	1			2	6
Rhinovirus	2				3	5
Rotavirus	3	2			1	6
Varicella Zoster Virus (VZV)	5	1		1	9	16
Adenovirus	3	3				6
Enterovirus	1		2	1	1	5
Measles	2					2

### 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	Bronchial washings	13.3.2012	11 M/M	recurrent croup
Adenovirus	Type 4	Seq	WK	Eye	16.3.2012	37 Y/M	Conjunctivitis
Adenovirus	Type 4	Seq	SA	NPA	24.3.2012	1 Y/M	URTI, febrile, seizure
Adenovirus	Type 8	Seq	WK	Eye	15.3.2012	33 Y/F	
Adenovirus	Type 8	Neut	CA	Left Eye Swab	20.3.2012	51Y/F	Unilateral conjunctivitis
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Throat	21.2.2012	5 Y/F	? Throat infection
Measles		Seq	CA	Swab	26.2.2012	11M/F	Fever, Rash
Measles		PCR	CA	Swab	07.4.2012	33 Y/F	
Measles		IgM, PCR	CA	Serum, Swab	08.4.2012	3 Y/M	
Measles		Seq	CA	Swab	23.2.2012	7M/M	High fever, rash
Measles		Seq	CA	NPA	29.2.2012	1Y/M	
Measles		Seq	CA	NPA	21.2.2012	1Y/M	

CA: Central Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test  
NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

PCR Polymerase Chain Reaction  
IgM Positive IgM ELISA

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

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