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VIROLOGY WEEKLY REPORT

2012/6 20 February 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 06/02/2012 - 12/02/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Metapneumovirus	3				3
Mycoplasma Pneumoniae				2	2
Parvovirus				4	4
Respiratory Syncytial Virus (RSV)	1			1	2
Rhinovirus				4	4
Rotavirus	3	4		3	10
Varicella Zoster Virus (VZV)	2	1	4	2	9
Adenovirus	4	2	2		8
Enterovirus	4		2	1	7
Measles	3				3
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	NPS	17.01.2012	11M/M	
Adenovirus	Type 2	Seq	SA	NPA	26.12.2011	1Y/M	Bronchiolitis
Adenovirus	Type 3	Seq	CB	Eye swab	13.01.2012	5 Y/M	
Adenovirus	Type 3	Seq	CB	Eye swab	12.01.2012	32 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	CB	Eye swab	01.01.2012	24 Y/M	
Adenovirus	Type 3	Seq	CB	Throat swab	13.01.2012	22M/M	Febrile, unwell
Adenovirus	Type 3	Neut	CA	Eye swab	23.01.2012	37 Y/F	
Adenovirus	Type 4	Seq	WK	Eye swab	09.01.2012	46 Y/M	Teary eye, conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye swab	13.12.2011	22 Y/M	
Adenovirus	Type 4	Neut	CA	Eye swab	23.12.2011	59 Y/F	
Enterovirus	Coxsackievirus Group B type 3	Seq	WK	Nasal	08.12.2011	1 M/M	Fever
Enterovirus	Coxsackievirus Group B type 5	Seq	CB	Faeces	06.01.2012	5 Y/M	fever, headache
Measles		PCR	CA	NPA	08.02.2012	6Y/F	
Measles		PCR	CA	Swab	05.02.2012	7M/M	
Measles		PCR	CA	Swab	02.02.2012	6M/F	
Rubella		IgM	WN	Serum	09.02.2012	48 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

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Neut Neutralisation test
NPA Nasopharyngeal Aspirate
IgM Positive IgM ELISA
Seq PCR sequencing

PCR Polymerase Chain Reaction
NPS Nasopharyngeal Swab

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

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