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VIROLOGY WEEKLY REPORT

2013/26 12 July 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 24/06/2013 - 30/06/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	2	1	2		5
Influenza A H3N2	2				2
Influenza B	3	3	6	1	13
Coronavirus				8	8
Metapneumovirus		2		2	4
Mycoplasma Pneumoniae				7	7
Parainfluenza 2	3			1	4
Parainfluenza 3	1			1	2
Parainfluenza 4				2	2
Parechovirus				1	1
Parvovirus				1	1
Picornavirus	32	3			35
Respiratory Syncytial Virus (RSV)	60	10	6	6	82
Rhinovirus	2		29	18	49
Rotavirus	6	6			12
Varicella Zoster Virus (VZV)	2	1	3	6	12
Adenovirus	14	4	20	2	40
Enterovirus	6		3	2	11
Mumps				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	SA	Nasopharynx	02.5.2013	6M/M	
Adenovirus	Type 2	Seq	WK	Nasal	10.5.2013	11M/F	
Adenovirus	Type 3	Seq	SA	Unknown	11.5.2013	10Y/M	
Adenovirus	Type 3	Seq	WK	Nasal	11.5.2013	10M/M	
Adenovirus	Type 3	Seq	WK	Nasal	15.5.2013	3Y/M	
Adenovirus	Type 4	IF	CA	Left Eye Swab	06.6.2013	35Y/F	Unilateral conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	08.5.2013	35Y/F	
Adenovirus	Type 4	Seq	CB	Eye	13.5.2013	41Y/M	
Adenovirus	Type 4	Seq	WK	Nasopharynx	04.5.2013	8M/M	
Enterovirus	Coxsackievirus Group A type 6	PCR	CA	Skin swab	14.6.2013	5M/F	
Enterovirus	Coxsackievirus Group A type 6	PCR	CA	Throat Swab	14.6.2013	32Y/M	
Enterovirus	Coxsackievirus Group A type 6	PCR	CA	Swab	26.6.2013	42Y/M	
Mumps		IgM	CB	Serum	24.6.2013	4Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

IF Immunofluorescence test
Seq PCR sequencing

IgM Positive IgM ELISA
PCR Polymerase Chain Reaction

Data provided by Auckland labs (Labplus - Virology and Middlemore Hospital - Microbiology), Waikato Virology lab, Canterbury Health - Virology lab and Wellington labs (Wellington Hospital - Microbiology Lab and ESR).

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