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VIROLOGY WEEKLY REPORT

2014/7 27 February 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 10/02/2014 - 16/02/2014

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	4		6
Influenza A H1N1 pdm09				1	1
Influenza B	2		1		3
Bocavirus				1	1
Coronavirus				1	1
Metapneumovirus				1	1
Mycoplasma pneumoniae		1	1	7	9
Parainfluenza 1				1	1
Respiratory Syncytial Virus (RSV)				1	1
Rhinovirus	8		14	13	35
Rotavirus	1	1			2
Varicella Zoster Virus (VZV)	3	4	2	8	17
Adenovirus	8	2	10	3	23
Enterovirus	2		4		6
Measles	5	1			6
Mumps	3				3

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	WK	Nasal	25.10.2013	4Y/M	
Adenovirus	Type 2	Seq	WK	Throat	17.12.2013	4Y/M	Red, swollen throat and tonsils
Adenovirus	Type 3	Seq	WK	Nasal	25.11.2013	4Y/F	
Adenovirus	Type 3	Seq	WK	Eye	28.11.2013	1Y/F	Inflammation, Conjunctivitis
Adenovirus	Type 3	Seq	WK	Eye	17.12.2013	24Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	11.1.2014	6Y/F	
Adenovirus	Type 3	Seq	WK	Eye	16.12.2013	34Y/M	
Adenovirus	Type 4	Seq	SA	NPA	27.11.2013	5M/M	
Adenovirus	Type 8	Seq	CB	Eye	14.12.2013	62Y/F	
Enterovirus	Coxsackievirus Group A type 16	Seq	CB	Palate	05.12.2013	1Y/F	
Enterovirus	Enterovirus type 71	Seq	WK	Faeces	04.1.2014	1Y/M	
Enterovirus	Enterovirus type C105	Seq	SA	NPS	11.10.2013	51Y/M	
Influenza A H1N1	A/California/7/2009 (H1N1)	HAI	SA	NPA	29.1.2014	11M/M	
Influenza A H3N2	A/Victoria/361/2011 (H3N2)	HAI	CB	NPS	05.1.2014	13Y/F	Flu-Like Illness
Influenza A H3N2	A/Victoria/361/2011 (H3N2)	HAI	CB	NPS	02.1.2014	24Y/F	
Influenza B	B/Wisconsin/1/2010	HAI	SA	NPS	14.1.2014	50Y/F	
Measles		IgM, PCR	CA	Serum, Nasal swab	10.2.2014	13Y/M	Fever, rash
Measles		IgM	CA	Serum	12.2.2014	13Y/M	
Measles		PCR	CA	Throat swab	09.2.2014	1Y/M	Rash, fever, conjunctivitis

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Measles		PCR	CA	Throat swab	11.2.2014	1Y/F	Rash, conjunctivitis
Measles		PCR	CA	NPA	12.2.2014	13Y/M	
Measles		IgM	TP	Serum	11.2.2014	29Y/F	
Mumps		IgM	CA	Serum	07.2.2014	6Y/F	Flu-like
Mumps		IgM	CA	Serum	07.2.2014	4Y/F	
Mumps		IgM	CA	Serum	10.2.2014	49Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

TP: Taupo

WK: Waikato

NPA Nasopharyngeal Aspirate
IgM Positive IgM ELISA
PCR Polymerase chain reaction

NPS Nasopharyngeal Swab
HAI Haemagglutination Inhibition test
Seq PCR sequencing

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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