



ISSN: 1173-1680 (Print)
ISSN: 1179-903X (Online)



VIROLOGY WEEKLY REPORT

2014/11 24 March 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 10/03/2014 - 16/03/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A		1			1
Influenza A H1N1 swl	3			4	7
Influenza A H3N2			1		1
Influenza B	2			1	3
Bocavirus				1	1
Coronavirus				1	1
Mycoplasma Pneumoniae		2		8	10
Parainfluenza 1	1			2	3
Picornavirus	33				33
Respiratory Syncytial Virus (RSV)	2	1	1		4
Rhinovirus	11		2	15	28
Rotavirus	2		1		3
Varicella Zoster Virus (VZV)	9	2	1	5	17
Adenovirus	7		7		14
Enterovirus	3	1			4
Measles	18				18
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 3	Neut	CA	Eye swab	13.2.2014	76Y/M	Conjunctivitis
Adenovirus	Type 3	Neut	CA	Eye swab	18.2.2014	42Y/M	Crusty & Red eye
Adenovirus	Type 3	Seq	SA	NPA	12.1.2014	2Y/M	
Adenovirus	Type 3	Seq	SA	NPA	29.1.2014	3M/M	
Adenovirus	Type 3	Seq	WK	Throat swab	26.1.2014	39Y/F	
Adenovirus	Type 3	Seq	WK	Faeces	10.1.2014	1Y/M	
Adenovirus	Type 3	Seq	WK	Eye swab	29.11.2013	40Y/F	
Adenovirus	Type 7	Seq	SA	NPA	05.10.2013	3Y/F	
Adenovirus	Type 22	Seq	WK	Eye swab	26.1.2014	21Y/M	
Influenza A	A/California/7/2009 (H1N1)	HAI	WN	Swab	12.2.2014	68Y/M	
Influenza A	A/California/7/2009 (H1N1)	HAI	WN	Swab	12.2.2014	65Y/F	
Influenza A	A/California/7/2009 (H1N1)	HAI	WN	Nasal Swab	13.2.2014	38Y/M	Fever
Influenza A	A/Victoria/361/2011 (H3N2)	HAI	SA	Sputum	18.12.2013	71Y/M	
Measles		IgM	CA	Serum	05.3.2014	43Y/M	
Measles		IgM	CA	Serum	06.3.2014	1Y/F	
Measles		IgM	CA	Serum	09.3.2014	2Y/M	
Measles		IgM	CA	Serum	11.3.2014	1Y/M	
Measles		PCR	CA	Throat swab	07.3.2014	40Y/M	

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Measles		PCR	CA	NPS	07.3.2014	16Y/M	
Measles		PCR	CA	NPS	08.3.2014	3Y/F	
Measles		PCR	CA	NPS	08.3.2014	4M/M	
Measles		PCR	CA	Throat swab	09.3.2014	17Y/M	
Measles		PCR	CA	Swab	07.3.2014	10M/F	
Measles		PCR	CA	Swab	11.3.2014	1Y/F	
Measles		PCR	CA	Throat swab	11.3.2014	1Y/M	
Measles		PCR	CA	Throat swab	10.3.2014	1Y/M	
Measles		PCR	CA	NPS	12.3.2014	33Y/F	
Measles		PCR	CA	Throat swab	13.3.2014	20Y/M	
Measles		PCR	CA	Throat swab	13.3.2014	1Y/F	
Measles		PCR	CA	Throat swab	13.3.2014	25Y/M	
Measles		PCR	CA	Throat swab	13.3.2014	1Y/M	
Mumps		PCR, IgM	CA	Swab, serum	06.3.2014	33Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

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

PCR Polymerase Chain Reaction
 NPS Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test

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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