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VIROLOGY WEEKLY REPORT

2013/46 22 November 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 11/11/2013 - 17/11/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	1	1	2		4
Influenza A H1N1 swl				3	3
Influenza A H3N2			4		4
Influenza B	1		1	3	5
Bocavirus				6	6
Coronavirus				2	2
Metapneumovirus	1			2	3
Mycoplasma pneumoniae				12	12
Parainfluenza 3	4	2		4	10
Parainfluenza 4				1	1
Parechovirus				1	1
Picornavirus	36				36
Respiratory Syncytial Virus (RSV)	1			1	2
Rhinovirus	9		22	20	51
Rotavirus	4		2	3	9
Varicella Zoster Virus (VZV)	1		2	2	5
Adenovirus	8	1	5	5	19
Enterovirus	2	2	3		7
Measles				1	1
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	22.9.2013	1Y/M	
Adenovirus	Type 2	Seq	WK	Nasal	22.10.2013	7M/M	
Adenovirus	Type 2	Seq	SA	NPA	12.7.2013	1Y/M	
Adenovirus	Type 2	Seq	CB	Tracheal Aspirate	24.10.2013	1Y/F	
Adenovirus	Type 3	Seq	WK	Nasal	16.10.2013	6M/M	
Adenovirus	Type 3	Seq	CA	NPS	16.10.2013	5Y/M	
Adenovirus	Type 3	Seq	CA	Nasal	30.10.2013	25Y/F	
Adenovirus	Type 3	Seq	WK	Nasal	30.9.2013	4Y/F	Fever
Adenovirus	Type 3	Seq	WK	Eye	10.10.2013	11Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	13.10.2013	10Y/F	
Adenovirus	Type 3	Neut	CA	Eye	25.10.2013	32Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	14.10.2013	6M/F	
Adenovirus	Type 3	Seq	WK	Eye	07.10.2013	48Y/F	
Adenovirus	Type 4	Neut	CA	Eye	29.10.2013	41Y/F	
Adenovirus	Type 4	Seq	WK	Eye	15.10.2013	69Y/M	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	07.10.2013	71Y/M	Conjunctivitis
Adenovirus	Type 4	Seq	CA	Throat	15.10.2013	8Y/M	
Adenovirus	Type 7	Neut	CA	Eye	21.10.2013	45Y/M	
Adenovirus	Type 7	Neut	CA	Eye	21.10.2013	44Y/M	
Measles		IgM	CB	Serum	06.11.2013	2Y/F	
Mumps		IgM	CA	Serum	07.11.2013	34Y/M	
Mumps		IgM	CA	Serum	10.11.2013	51Y/F	
Mumps		IgM	CA	Serum	11.11.2013	10Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test
IgM IgM ELISA

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

Thank you to all who have participated in this year's Influenza Surveillance network. Please note that the Influenza Surveillance is now finished. Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of November.

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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