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VIROLOGY WEEKLY REPORT

2010/41 21 October 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 11/10/2010 - 17/10/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2					2
Influenza A H1N1 swl					1	1
Influenza B			1			1
Metapneumovirus		3				3
Mycoplasma Pneumoniae		3		1		4
Parainfluenza 3	2	1				3
Respiratory Syncytial Virus (RSV)	2	6		2	2	12
Rhinovirus	1	1	8			10
Rotavirus	8	1		1	6	16
Varicella Zoster Virus (VZV)		5		1	6	12
Adenovirus	7	5				12
Enterovirus	6	1	3	1		11
Measles	1					1

This week, Middlemore hospital reported 3 Parainfluenza type 3, 1 Respiratory Syncytial virus (RSV) and 6 Human Metapneumovirus infections.

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	11.08.2010	6 M/M	
Adenovirus	Type 2	Seq	WK	NPA	30.08.2010	7 M/F	
Adenovirus	Type 3	Seq	CB	NPS	03.08.2010	7 Y/M	
Adenovirus	Type 3	Seq	CB	NPS	02.08.2010	1 Y/F	
Adenovirus	Type 8	Seq	CA	Eye	26.7.2010	24 Y/M	Purulent discharge conjunctivitis
Adenovirus	Type 14	Seq	WK	Nasal	06.09.2010	5 Y/F	
Enterovirus	Coxsackievirus Group B type 4	Seq	WN	Bronchial swab	24.06.2010	- D/F	
Enterovirus	Enterovirus type 68	Seq	SA	NPA	13.06.2010	15 M/M	
Enterovirus	Enterovirus type 68	Seq	SA	NPA	02.06.2010	18 M/F	
Enterovirus	Enterovirus type 68	Seq	SA	NPS	17.7.2010	38 Y/F	
Measles		IgM	CA	Serum	12.10.2010	14 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

NPA Nasopharyngeal Aspirate
Seq PCR Sequencing

NPS Nasopharyngeal Swab
IgM Positive IgM ELISA

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Thank you to all who have participated in this years 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 Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of October.

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

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