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VIROLOGY WEEKLY REPORT

2012/24 22 June 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 11/06/2012 - 17/06/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	2				2
Influenza A H1N1 swl	1				1
Influenza A H3N2			1	6	7
Influenza B	3		1		4
Coronavirus	2				2
Metapneumovirus	4			2	6
Mycoplasma Pneumoniae		1		1	2
Parainfluenza 1	3				3
Parainfluenza 3	6	1		1	8
Parvovirus				4	4
Respiratory Syncytial Virus (RSV)	48	3	3	6	60
Rhinovirus	50			7	57
Rotavirus	4	2	1	2	9
Varicella Zoster Virus (VZV)	4	9	1	2	16
Adenovirus	18	2	1	1	22
Enterovirus	2	3		1	6
Measles	2				2

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	Seq	CB	Eye	18.5.2012	1 M/F	
Adenovirus	Type 3	Seq	CB	Eye	17.5.2012	5 M/F	Conjunctivitis
Adenovirus	Type 3	Seq	CB	Eye	04.5.2012	45 Y/M	
Adenovirus	Type 4	Seq	WK	Nasal	16.5.2012	33 Y/F	Flu-like
Adenovirus	Type 4	Seq	WK	Eye	21.5.2012	42 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	11.5.2012	43 Y/M	
Adenovirus	Type 5	Seq	WK	Eye	12.5.2012	9 M/M	Discharge
Adenovirus	Type 8	Seq	WK	Eye	18.5.2012	39 Y/M	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye Swab	14.5.2012	2 Y/M	
Measles		PCR	CA	Swab	15.6.2012	25 Y/M	
Measles		PCR	CA	Nasal	13.6.2012	6 M/M	

CA: Central Auckland

CB: Canterbury

WK: Waikato

Neut Neutralisation test

PCR Polymerase Chain Reaction

Seq PCR Sequencing

NOTE: During April to September 2012, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at

http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php

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

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