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VIROLOGY WEEKLY REPORT

2012/20 25 May 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 14/05/2012 - 20/05/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	1			1	2
Influenza A H3N2	1				1
Influenza B	2				2
Mycoplasma Pneumoniae				2	2
Picornavirus	22				22
Respiratory Syncytial Virus (RSV)	12			11	23
Rhinovirus	9			13	22
Rotavirus	2	1		1	4
Varicella Zoster Virus (VZV)		3	4	7	14
Adenovirus	6	2	1		9
Enterovirus			3	1	4

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 2	Seq	SA	NPA	16.4.2012	15M/M	URTI
Adenovirus	Type 2	Seq	SA	NPA	21.4.2012	2 Y/F	
Adenovirus	Type 2	Seq	SA	NPA	14.4.2012	5 M/F	Bronchiolitis
Adenovirus	Type 2	Neut	CA	Faeces	30.4.2012	1Y/M	?Viral Myocarditis
Adenovirus	Type 2	Seq	CB	NPA	27.4.2012	3 M/F	
Adenovirus	Type 3	Seq	CB	NPS	16.4.2012	1 Y/M	
Adenovirus	Type 4	Seq	WK	Eye	19.4.2012	26 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 8	Seq	SA	NPA	12.4.2012	5 M/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	WK	Faeces	04.4.2012	28 D/M	
Enterovirus	Echovirus type 19	Seq	WK	Nasal	27.3.2012	2 M/F	Febrile

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test
NPS Nasopharyngeal Swab

NPA Nasopharyngeal Aspirate
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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