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VIROLOGY WEEKLY REPORT

2010/25 30 June 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 21/06/2010 - 27/06/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2			1		3
Influenza A H1N1 swl	1		1		2	4
Influenza A H3N2	1					1
Mycoplasma Pneumoniae				1	1	2
Parainfluenza 1	4	1			1	6
Parainfluenza 2					1	1
Respiratory Syncytial Virus (RSV)	1	4			2	7
Rhinovirus			1			1
Rotavirus	1	2		1	3	7
Varicella Zoster Virus (VZV)	2	6			6	14
Adenovirus	1	3	2			6
Enterovirus			8	1	1	10

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 8	Seq	WK	Eye	30.4.2010	54 Y/M	Severe conjunctivitis
Adenovirus	Type 8	Seq	WK	Eye	28.4.2010	31Y/F	
Adenovirus	Type 8	Seq	CB	Eye	27.4.2010	35Y/M	
Adenovirus	Type 19	Seq	CB	Eye	26.4.2010	30Y/F	
Adenovirus	Type 31	PCR	CA	Rectal biopsy	09.6.2010	3Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	CB	Faeces	29.5.2010	1 M/F	
Enterovirus	Enterovirus type 68	Seq	CA	NPA	19.5.2010	14M/M	
Enterovirus	Enterovirus type 68	Seq	CA	NPA	04.6.2010	5 M/M	
Measles		IgM	CA	Serum	21.6.2010	1 Y/M	

CA: Central Auckland

CB: Canterbury

WK: Waikato

Ig M Positive IgM ELISA PCR
NPA Nasopharyngeal AspiratePCR Polymerase Chain Reaction (DNA)
Seq PCR Sequencing

NOTE: During April to September 2010, 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 and ESR.
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