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# VIROLOGY WEEKLY REPORT

2010/24 24 June 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 14/06/2010 - 20/06/2010

## PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	7					7
Influenza A H1N1 swl					2	2
Mycoplasma Pneumoniae		2		1	2	5
Parainfluenza 1	5	1				6
Respiratory Syncytial Virus (RSV)	2	4			2	8
Rhinovirus	2		13			15
Rotavirus	1	3		1	3	8
Varicella Zoster Virus (VZV)		4			13	17
Adenovirus	8	3	4			15
Enterovirus	1		4		2	7
Measles				1		1

## 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	17.4.2010	61 Y/M	
Adenovirus	Type 3	Seq	CA	NPA	27.4.2010	2 M/M	
Adenovirus	Type 3	Seq	CB	Eye	30.4.2010	44 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	29.4.2010	55 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	21.5.2010	25 Y/M	
Adenovirus	Type 8	Seq	WK	Eye	21.5.2010	19 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	04.5.2010	10 M/F	
Adenovirus	Type 19	Seq	CB	Eye	01.6.2010	44 Y/M	
Enterovirus	Coxsackievirus Group A type 16	Neut	CA	Tongue	06.6.2010	2Y/F	Rash and Ulcers.
Enterovirus	Enterovirus type 68	Seq	CA	NPA	29.5.2010	6 M/M	
Measles		EIA	WN	Serum	15.6.2010	1Y/M	Rash

CA: Central Auckland

CB: Canterbury

WN: Wellington

WK: Waikato

Neut Neutralisation test

EIA Enzyme-Linked Immunosorbent Assay

Seq PCR Sequencing

NPA Nasopharyngeal Aspirate

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](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](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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