



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2010/18 13 May 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 03/05/2010 - 09/05/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl	2					2
Mycoplasma Pneumoniae		1			5	6
Respiratory Syncytial Virus (RSV)					4	4
Rhinovirus	3		11			14
Rotavirus				2	2	4
Varicella Zoster Virus (VZV)		3		2	4	9
Adenovirus	6	1	1			8
Enterovirus		1	2	1		4
Measles	1					1
Mumps	3					3

In April 2010, Middlemore Hospital reported 2 Adenovirus 40/41, 2 Rotavirus and 6 Respiratory Syncytial Virus (RSV) 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 4	Seq	CB	Eye	15.3.2010	12 Y/F	
Enterovirus	Coxsackievirus Group A type 16	Seq	CB	Buttock	07.3.2010	1 Y/M	Rash, blisters
Enterovirus	Coxsackievirus Group B type 4	Seq	CB	Rectal	23.3.2010	27 D/M	
Measles		ELISA	CA	Serum	04.5.2010	37 Y/F	
Mumps		ELISA	CA	Serum	29.4.2010	3 Y/F	
Mumps		ELISA	CA	Serum	29.4.2010	52 Y/F	
Mumps		ELISA	CA	Serum	30.4.2010	4 Y/F	

CA: Central Auckland

CB: Canterbury

Seq PCR Sequencing

ELISA

Enzyme Linked Immunosorbent Assay

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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