



ISSN 1173-1680 (Print)
ISSN 1179-903X (Online)



VIROLOGY WEEKLY REPORT

2010/37 23 September 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 13/09/2010 - 19/09/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2	1			1	4
Influenza A H1N1 swl	5		4	3	16	28
Influenza A H3N2					2	2
Metapneumovirus		5				5
Mycoplasma Pneumoniae					2	2
Parainfluenza 1	1					1
Parainfluenza 3	1	3				4
Respiratory Syncytial Virus (RSV)	5	23		3	24	55
Rhinovirus	4	5				9
Rotavirus	6			4	4	14
Varicella Zoster Virus (VZV)	2	3			4	9
Adenovirus	6	10				16
Enterovirus			1		1	2
Measles	1					1

This week, Middlemore hospital reported 2 Influenza A H1N1 swl, 19 Respiratory Syncytial Virus (RSV) and 17 Human Metapneumovirus 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
Enterovirus	Enterovirus type 71	Seq	HB	Throat	11.7.2010	6 M/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	WN	CSF	17.7.2010	40Y/M	
Measles		IgM	CA	Serum	13.9.2010	1Y/F	

CA: Central Auckland

HB: Hawkes Bay

WN: Wellington

IgM Positive IgM ELISA
Seq PCR Sequencing

CSF Cerebrospinal Fluid

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 Middlemore Hospital and ESR.

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