



VIROLOGY WEEKLY REPORT

2010/40 14 October 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 04/10/2010 - 10/10/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H1N1 swl	1				3	4
Influenza A H3N2					1	1
Mycoplasma Pneumoniae		1		1	1	3
Respiratory Syncytial Virus (RSV)		8		1	12	21
Rhinovirus		2	1			3
Rotavirus	7	4		4	4	19
Varicella Zoster Virus (VZV)	1	6			8	15
Adenovirus	3	2				5
Enterovirus	3		4			7

This week, Middlemore hospital reported 2 Parainfluenza type 3, 3 Respiratory Syncytial virus (RSV) and 4 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
Adenovirus	Type 3	Seq	CA	NPA	01.10.2010	5 M/F	
Adenovirus	Type 3	Seq	CA	Eye	20.07.2010	34 Y/M	
Adenovirus	Type 3	Seq	CA	Throat	19.07.2010	24 Y/M	
Adenovirus	Type 3	Seq	CA	Throat	26.07.2010	5 Y/F	
Adenovirus	Type 5	Seq	CA	NPS	02.08.2010	33 Y/M	
Adenovirus	Type 8	Seq	CA	Eye	20.07.2010	47 Y/F	
Adenovirus	Type 8	Seq	CA	Eye	02.08.2010	64 Y/F	Painful Red Eye
Adenovirus	Type 19	Seq	CA	Eye	02.08.2010	53 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 4	Seq	SA	NPA	28.8.2010	2 Y/M	
Enterovirus	Coxsackievirus Group B type 4	Seq	WK	Nasal	10.08.2010	2 Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	CB	NPS, CSF	17.08.2010	1 M/M	
Enterovirus	Echovirus type 3	Seq	WK	Nasal	24.8.2010	1 Y/M	
Enterovirus	Echovirus type 5	Neut	CA	NPA	11.9.2010	3 M/F	
Enterovirus	Echovirus type 25	Seq	SA	NPA	22.8.2010	10 M/F	
Enterovirus	Enterovirus type 68	Seq	SA	Throat	05.8.2010	47 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test
Seq PCR Sequencing
CSF Cerebrospinal Fluid

NPA Nasopharyngeal Aspirate
NPS Nasopharyngeal Swab

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.

Thank you to all who have participated in this years Influenza Surveillance network. Please note that the Influenza Surveillance is now finished (as at 30 September). Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of October.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and Middlemore Hospital and ESR.

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