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VIROLOGY WEEKLY REPORT

2010/29 29 July 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 19/07/2010 - 25/07/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	18	12			2	32
Influenza A H1N1 sw1	22	24	12	1	23	82
Influenza B					1	1
Mycoplasma Pneumoniae		3		1	2	6
Parainfluenza 1		1			2	3
Parainfluenza 3	1	1				2
Respiratory Syncytial Virus (RSV)	8	9		4	22	43
Rhinovirus	1					1
Rotavirus	2	4		1	4	11
Varicella Zoster Virus (VZV)		1			12	13
Adenovirus	2	3	3			8
Enterovirus			9	1	1	11

This week, Middlemore hospital reported 17 Influenza A H1N1 sw1, 1 Parainfluenza type 1, 22 Respiratory Syncytial Virus and 4 Human Metapneumovirus (hMPV) 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 2	Seq	WK	Throat	4.6.2010	2Y/M	
Adenovirus	Type 3	Seq	CB	Eye	2.6.2010	9Y/M	
Adenovirus	Type 3	Seq	WN	Throat	5.7.2010	16M/M	
Adenovirus	Type 3	Seq	WK	Eye	15.6.2010	24Y/M	
Adenovirus	Type 4	Seq	WK	Eye	20.6.2010	48Y/M	
Adenovirus	Type 4	Seq	WK	Eye	17.6.2010	35Y/M	
Adenovirus	Type 19	Seq	CB	Eye	9.6.2010	31Y/F	
Enterovirus	Type 71	Seq	CA	Eye	6.6.2010	2 Y/F	

CA: Central Auckland

CB: Canterbury

WK: Waikato

CB: Canterbury

WN: Wellington

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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