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VIROLOGY WEEKLY REPORT

2010/33 26 August 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 16/08/2010 - 22/08/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	21	14	4		7	46
Influenza A H1N1 swl	53	22	35	26	131	267
Metapneumovirus		2				2
Mycoplasma Pneumoniae					4	4
Parainfluenza 1	1				1	2
Respiratory Syncytial Virus (RSV)	8	27		10	62	107
Rhinovirus	1		1			2
Rotavirus	7	11			1	19
Varicella Zoster Virus (VZV)	6	3		1	8	18
Adenovirus	2	3				5
Enterovirus			2	1	1	4
Mumps	1					1

This week, Middlemore hospital reported 18 Influenza A H1N1 swl, 43 Respiratory Syncytial Virus (RSV) and 10 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	Type 68	Seq	SA	NPA	06.07.2010	2M/M	
Enterovirus	Coxsackie A virus type 2	Seq	SA	NPA	03.07.2010	11M/M	
Mumps		IgM	CA	Serum	13.8.2010	33 Y/M	

CA: Central Auckland

IgM Positive IgM ELISA

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 Middlemore Hospital and ESR.

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