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VIROLOGY WEEKLY REPORT

2010/30 05 August 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 26/07/2010 - 01/08/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	18	7			7	32
Influenza A H1N1 swl	45	26	9	9	21	110
Mycoplasma Pneumoniae					7	7
Parainfluenza 1	2	4			1	7
Respiratory Syncytial Virus (RSV)	6	11		6	29	52
Rotavirus	1	7				8
Varicella Zoster Virus (VZV)	3	8		2	9	22
Adenovirus	3	2				5
Enterovirus			6		2	8
Mumps	1					1

This week, Middlemore hospital reported 14 Influenza A H1N1 swl, 34 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
Enterovirus	Coxsackievirus Group A type 16	Seq	CA	Throat	21.6.2010	9Y/M	Clinically viral stomatitis, suspect Coxsackie
Enterovirus	Coxsackievirus Group B type 4	Seq	CA	NPA	16.6.2010	22 M/F	
Enterovirus	Coxsackievirus Group B type 4	Seq	SA	NPA	30.6.2010	16 Y/F	
Enterovirus	Type 68	Seq	CA	NPA	13.6.2010	26 Y/F	
Enterovirus	Type 68	Seq	SA	NPA	23.6.2010	12M/M	
Enterovirus	Type 68	Seq	SA	NPA	29.6.2010	1 M/M	
Enterovirus	Type 68	Seq	SA	NPA	03.7.2010	46 Y/F	
Enterovirus	Type 71	Seq	CA	NPA	22.6.2010	9M/M	?Measles, Rash
Mumps		IgM	CA		26.7.2010	12 Y/F	

CA: Central Auckland

SA: South Auckland

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.

NPA Nasopharyngeal Aspirate
IgM Positive IgM ELISA

Seq PCR Sequencing

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

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