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VIROLOGY WEEKLY REPORT

2010/28 22 July 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 12/07/2010 - 18/07/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	25	4	6		3	38
Influenza A H1N1 sw1	20	5	16	1	19	61
Influenza B					1	1
Mycoplasma Pneumoniae				1	2	3
Parainfluenza 1	2	1			2	5
Parainfluenza 3		1			1	2
Respiratory Syncytial Virus (RSV)	6	7		6	11	30
Rotavirus	3	10		1	5	19
Varicella Zoster Virus (VZV)	3	3		2	9	17
Adenovirus	6	4				10
Enterovirus	1	1	2		1	5
Measles	2					2
Mumps	1				1	2

This week, Middlemore Hospital reported 13 Influenza A H1N1sw1, 1 Parainfluenza type 1, 17 Respiratory Syncytial Virus, and 3 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
Measles		IgM	CA	Serum	14/07/2010	13 Y/M	
Measles		IgM	CA	Serum	13/07/2010	1 Y/M	
Mumps		IgM	CA	Serum	15/07/2010	40 Y/M	
Mumps		IgM	TG	Serum	07/07/2010	31 Y/M	

CA: Central Auckland

TG: Tauranga

IgM Positive IgM ELISA

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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