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VIROLOGY WEEKLY REPORT

2011/37 26 September 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 12/09/2011 - 18/09/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions Reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	5	4	6	5	20
Influenza A H1N1 swl	2			5	7
Influenza A H3N2	22		2	15	39
Influenza B		5	6	16	27
Metapneumovirus	8	4		6	18
Parainfluenza 1				1	1
Parainfluenza 2				1	1
Parainfluenza 3	8	3		2	13
Parvovirus				7	7
Respiratory Syncytial Virus (RSV)	11	17	4	4	36
Rhinovirus	1	1		9	11
Rotavirus	11	3	8	6	28
Varicella Zoster Virus (VZV)	3	3		11	17
Adenovirus	5	1			6
Enterovirus	2		1	3	6
Measles	11		2		13

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 8	Neut	CA	Eye	03.08.2011	9 Y/M	Conjunctivitis
Measles		PCR	CA	Throat	14.9.2011	5M/M	
Measles		PCR	CA	Throat	13.9.2011	30 Y/M	
Measles		PCR	CA	Swab	14.9.2011	2Y/M	
Measles		PCR	CA	Throat	14.9.2011	2Y/M	
Measles		PCR	WK	Nasal	14.9.2011	1 Y/M	
Measles		PCR	CA	Swab	15.9.2011	5M/F	
Measles		PCR	CA	Swab	15.9.2011	7M/M	
Measles		PCR	CA	Swab	15.9.2011	40Y/M	Rash, high temp
Measles		PCR	CA	Swab	16.9.2011	24Y/F	
Measles		PCR	CA	Swab	16.9.2011	20 Y/M	
Measles		PCR	CA	Swab	16.9.2011	16Y/F	
Measles		PCR	WK	NPS	14.9.2011	1 Y/M	
Measles		PCR	CA	Nasal	14.9.2011	5Y/M	

CA: Central Auckland

WK: Waikato

PCR Polymerase Chain Reaction (DNA)
Neut Neutralisation test

NPS Nasopharyngeal Swab

NOTE: During April to September 2011, 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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