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VIROLOGY WEEKLY REPORT

2011/39 07 October 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 26/09/2011 - 02/10/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	13	2	5	5	25
Influenza A H1N1 swl	1				1
Influenza A H3N2	3		4	4	11
Influenza B	2	1	3	19	25
Metapneumovirus	10	2		4	16
Mycoplasma Pneumoniae		3		2	5
Parainfluenza 3	5			1	6
Parvovirus				1	1
Respiratory Syncytial Virus (RSV)	15	6	10	6	37
Rhinovirus	5			11	16
Rotavirus	10	6	19	13	48
Varicella Zoster Virus (VZV)	4	6		7	17
Adenovirus	10	2		1	13
Enterovirus	1		2	4	7
Measles	22		1		23

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 3	Neut	CA	Nasal	15.9.2011	7 M/M	
Measles		PCR	CA	Throat Swab	23.9.2011	34 Y/M	
Measles		PCR	CA	Swab	23.9.2011	12 Y/M	Fever, koplik spots
Measles		IgM	CA	Serum	22.9.2011	26 Y/F	
Measles		IgM	CA	Serum	24.9.2011	1 Y/M	
Measles		IgM	CA	Serum	27.9.2011	2 Y/F	
Measles		IgM	CA	Serum	29.9.2011	22 Y/M	
Measles		PCR	WN	Throat swab	28.9.2011	19Y/F	?meningitis,
Measles		PCR	CA	Swab	26.9.2011	33 Y/M	
Measles		PCR	CA	Swab	29.9.2011	1 Y/F	
Measles		PCR	CA	Throat Swab	28.9.2011	64 Y/M	
Measles		PCR	CA	Throat Swab	28.9.2011	1 Y/M	
Measles		PCR	CA	Swab	28.9.2011	14 Y/M	
Measles		PCR	CA	Throat Swab	27.9.2011	22 Y/M	
Measles		PCR	CA	Swab	23.9.2011	10 Y/M	suspected measles
Measles		PCR	CA	Throat Swab	26.9.2011	34 Y/M	
Measles		PCR	CA	Swab	29.9.2011	9 Y/M	
Measles		PCR	CA	Throat Swab	26.9.2011	12 Y/M	Measles contact
Measles		PCR	CA	Throat Swab	24.9.2011	1 Y/M	
Measles		PCR	CA	Swab	25.9.2011	37 Y/F	Fever, rash
Measles		PCR	CA	Swab	25.9.2011	1 W/F	Maternal measles infection
Measles		PCR	CA	Swab	24.9.2011	1 Y/F	
Measles		PCR	CA	Swab	24.9.2011	4 Y/F	
Measles		PCR	CA	Throat Swab	27.9.2011	1 Y/M	

CA: Central Auckland

WN: Wellington

Neut Neutralisation test
IgM Positive IgM ELISA

PCR Polymerase Chain Reaction

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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