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VIROLOGY WEEKLY REPORT

2011/36 16 September 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 05/09/2011 - 11/09/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions Reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	7	1	9	3	20
Influenza A H1N1 swl				4	4
Influenza A H3N2	11		1	9	21
Influenza B	2	4	14	12	32
Metapneumovirus	10	1		6	17
Mycoplasma Pneumoniae		1		3	4
Parainfluenza 2				1	1
Parainfluenza 3	9	1		5	15
Parvovirus				6	6
Respiratory Syncytial Virus (RSV)	19	15	4	4	42
Rhinovirus				9	9
Rotavirus	15		11	18	44
Varicella Zoster Virus (VZV)	4	6		6	16
Adenovirus	8	2		2	12
Enterovirus	4		3	1	8
Measles	6				6

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	Genotype D4	Seq	WK	NPS	29.8.2011	9 Y/F	
Measles		PCR	CA	Swab	03.9.2011	3Y/M	Rash, fever
Measles		PCR	CA	Swab	05.9.2011	1 Y/M	
Measles		PCR	CA	Throat	06.9.2011	1 Y/M	
Measles		PCR	CA	Nasal	04.9.2011	18 Y/M	Close contact of measles case
Measles		PCR	CA	Throat	05.9.2011	1 Y/M	
Measles		PCR	CA	Swab	01.9.2011	2 Y/M	Contact with measles, rash

CA: Central Auckland

WK: Waikato

PCR Polymerase Chain Reaction
Seq PCR & Sequencing

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.

Edited by: Wendy Gunn and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao Tel: +644 5290618, Email: judy.bocacao@esr.cri.nz