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VIROLOGY WEEKLY REPORT

2012/18 11 May 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 30/04/2012 - 06/05/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A H1N1 swl				1	1
Metapneumovirus				1	1
Mycoplasma Pneumoniae				2	2
Parainfluenza 1	2	2			4
Parvovirus				1	1
Respiratory Syncytial Virus (RSV)	3			6	9
Rhinovirus	14			6	20
Rotavirus	1	2		1	4
Varicella Zoster Virus (VZV)	2	3	2	4	11
Adenovirus	4	1		2	7
Enterovirus	2	1	2	2	7
Measles	3				3

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 1	Seq	SA	NPA	02.4.2012	14 M/F	Pneumonia
Adenovirus	Type 4	Seq	WK	Eye	03.4.2012	39 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	28.3.2012	50 Y/F	
Adenovirus	Type 37	Neut	CA	Eye	06.4.2012	31 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 8	Seq	SA	NPA	24.3.2012	6 M/F	
Measles		PCR	CA	Swab	20.4.2012	1 Y/M	
Measles		IgM	CA	Serum	24.4.2012	15 Y/F	Coryza, Maculopapular rash 2 days
Measles		IgM	CA	Serum	24.4.2012	14 Y/M	Maculopapular rash 3 days

CA: Central Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test
NPA Nasopharyngeal Aspirate
Seq PCR sequencing

PCR Polymerase Chain Reaction
IgM Positive IgM ELISA

NOTE:

- During May to September 2012, 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, Middlemore hospital and ESR.
- Edited by: Wendy Gunn and Judy Bocacao, Clinical Virology Laboratory, Health Program
- Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz

Institute of Environmental Science & Research Limited
ESR NCBIID - Wallaceville
66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

**A CROWN RESEARCH
INSTITUTE**