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VIROLOGY WEEKLY REPORT

2012/26 04 July 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 25/06/2012 - 01/07/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				
	Auckland	Waikato	Wellington	Christchurch	TOTAL
Influenza A	2		11	8	21
Influenza A H1N1pdm09	12			2	14
Influenza A H3N2	7		1	43	51
Influenza B	5				5
Metapneumovirus	4	2			6
Mycoplasma Pneumoniae		1		1	2
Parainfluenza 1	5	4		1	10
Parainfluenza 3	1			3	4
Picornavirus	45				45
Respiratory Syncytial Virus (RSV)	56	24	1	17	98
Rhinovirus				12	12
Rotavirus	5	1			6
Varicella Zoster Virus (VZV)	3	2	1		6
Adenovirus	14	3	1		18
Enterovirus	1	1		2	4

This week, ESR reported 2 Influenza A infections from Cook Islands.

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	11.6.2012	12 M/M	
Adenovirus	Type 1	Seq	SA	NPA	15.6.2012	9 M/M	
Adenovirus	Type 2	Seq	SA	NPA	11.6.2012	9 M/F	
Adenovirus	Type 2	Seq	SA	NPA	15.6.2012	3 M/M	
Adenovirus	Type 3	Seq	WK	Eye	28.5.2012	41 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	CB	NPS	04.6.2012	12 M/F	
Adenovirus	Type 3	Seq	CB	Swab	18.6.2012	6 Y/F	flu-like illness
Adenovirus	Type 4	Seq	WK	Eye	21.5.2012	17 Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye	12.6.2012	5M/M	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	01.6.2012	56 Y/F	Bilateral conjunctivitis

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

NPA Nasopharyngeal Aspirate

Seq

PCR sequencing

NPS Nasopharyngeal Swab

NOTE: During April 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

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