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VIROLOGY WEEKLY REPORT

2011/20 25 May 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 16/05/2011 - 22/05/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza B	1				1
Human Metapneumovirus				1	1
Mycoplasma pneumoniae	1			1	2
Parainfluenza 2	1				1
Parainfluenza 3	2			2	4
Respiratory Syncytial Virus (RSV)	5	1		2	8
Rhinovirus	1			9	10
Rotavirus	2			6	8
Varicella Zoster Virus (VZV)		5		6	11
Adenovirus	2	4	3		9
Enterovirus	3	1	5		9
Measles				1	1

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	Throat	26.4.2011	7 Y/F	Acute conjunctivitis
Adenovirus	Type 3	Neut	CA	NPA	21.4.2011	10M/M	
Adenovirus	Type 5	Seq	SA	NPA	03.5.2011	7 M/M	
Adenovirus	Type 9	Seq	SA	NPA	02.5.2011	6 M/M	
Adenovirus	Type 37	Seq	WK	Eye	27.4.2011	20 Y/F	Conjunctivitis
Enterovirus	Enterovirus type 71	Seq	WK	Throat	18.4.2011	13 M/M	Pharyngitis, rash
Enterovirus	Enterovirus type 71	Seq	WK	Throat	11.4.2011	30 Y/F	Blistering throat lesions
Measles		PCR & IgM	HB	NPS / Serum	15.5.2011	36 Y/M	Rash

CA: Central Auckland

HB: Hawkes Bay

SA: South Auckland

WK: Waikato

Neut Neutralisation test
PCR Polymerase Chain Reaction
IgM Positive IgM ELISA

Seq PCR Sequencing
NPA Nasopharyngeal Aspirate

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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