



VIROLOGY WEEKLY REPORT

2012/31 14 August 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 30/07/2012 - 05/08/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	43	7	11		61
Influenza A H1N1 swl	15		4	1	20
Influenza A H3N2	22	7	46	72	147
Influenza B	9	1	3		13
Metapneumovirus	3			1	4
Mycoplasma Pneumoniae				7	7
Parainfluenza 1	3			3	6
Parainfluenza 2				1	1
Parainfluenza 3	6	2		7	15
Parainfluenza 4				3	3
Parechovirus				1	1
Parvovirus				1	1
Picornavirus	33				33
Respiratory Syncytial Virus (RSV)	47	22	13	26	108
Rhinovirus		1		15	16
Rotavirus	2		1	4	7
Varicella Zoster Virus (VZV)	3	3	1	2	9
Adenovirus	11	1		3	15
Enterovirus	1	1	7		9

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	Neut	CA	NPA	12.7.2012	1Y/M	
Adenovirus	Type 1	Neut	CA	NPA	26.7.2012	10M/M	Bronchiolitis
Adenovirus	Type 4	Neut	CA	Eye Swab	18.7.2012	49Y/M	Conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye Swab	16.7.2012	22Y/F	Conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye Swab	10.7.2012	63Y/F	
Enterovirus	Coxsackievirus Group B type 4	Seq	WK	Nasal swab	29.5.2012	11 M/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	NPA	17.6.2012	1 M/M	

CA: Central Auckland

SA: South Auckland

WK: Waikato

Neut Neutralisation test
Seq PCR sequencing

NPA Nasopharyngeal Aspirate

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.

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