



ISSN: 1173-1680 (Print)
ISSN: 1179-903X (Online)



VIROLOGY WEEKLY REPORT

2012/30 02 August 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 23/07/2012 - 29/07/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	39	20	2		61
Influenza A H1N1 swl	16	2	7	2	27
Influenza A H3N2	23	8	23	102	156
Influenza B	15		1		16
Bocavirus				1	1
Metapneumovirus	5			4	9
Mycoplasma Pneumoniae				13	13
Parainfluenza 1	5			2	7
Parainfluenza 2	2			2	4
Parainfluenza 3	9	3		8	20
Parainfluenza 4				4	4
Parvovirus				1	1
Picornavirus	28				28
Respiratory Syncytial Virus (RSV)	60	21	8	23	112
Rhinovirus				11	11
Rotavirus	6		3	1	10
Varicella Zoster Virus (VZV)	4	2	1	6	13
Adenovirus	12	2		1	15
Enterovirus			5		5

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 2	Neut	CA	Left Eye Swab	07.7.2012	38 Y/F	
Adenovirus	Type 2	Neut	CA	NPA	06.7.2012	1Y/M	
Adenovirus	Type 4	Neut	CA	Left Eye Swab	21.6.2012	36Y/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Right Eye Swab	02.7.2012	50 Y/M	Red eye
Adenovirus	Type 8	Neut	CA	Eye Swab	03.7.2012	40Y/M	
Enterovirus	Echovirus type 11	Seq	SA	NPA	22.5.2012	11M/M	
Enterovirus	Echovirus type 11	Seq	WN	Faeces	07.6.2012	3 M/F	
Enterovirus	Echovirus type 19	Seq	WK	Faeces, nasal	15.5.2012	5 M/M	

CA: Central Auckland

SA: South Auckland

WK: Waikato

WN: Wellington

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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