



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



## VIROLOGY WEEKLY REPORT

2012/27 11 July 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 02/07/2012 - 08/07/2012

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	17			5	22
Influenza A H1N1 sw1	29	1			30
Influenza A H3N2	7	2	6	156	171
Influenza B	12				12
Metapneumovirus	4	2		3	9
Mycoplasma Pneumoniae			1	1	2
Parainfluenza 1	9	2		3	14
Parainfluenza 3	9	1		5	15
Picornavirus	37				37
Respiratory Syncytial Virus (RSV)	60	12	3	28	103
Rhinovirus				9	9
Rotavirus	3		1		4
Varicella Zoster Virus (VZV)	3	4	4	7	18
Adenovirus	21	1			22
Enterovirus	1	3	5	2	11
Measles	1		1		2

### 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 4	Neut	CA	Eye	08.6.2012	54 Y/F	
Adenovirus	Type 4	Neut	CA	Eye	26.5.2012	51 Y/F	
Adenovirus	Type 4	Neut	CA	Nasal	13.6.2012	25 Y/M	
Enterovirus	Echovirus type 11	Seq	CB	Lung & Spleen swab	03.5.2012	6 D/F	
Enterovirus	Echovirus type 11	Seq	WK	NPA	06.5.2012	8 M/M	
Enterovirus	Echovirus type 18	Seq	WK	CSF	23.4.2012	29 D/F	Sepsis
Measles		PCR	CA	Swab	29.6.2012	1 Y/F	Rash 4 days
Measles		PCR	WK	Throat	25.6.2012	1 Y/F	

CA: Central Auckland

CB: Canterbury

WK: Waikato

Neut Neutralisation test  
NPA Nasopharyngeal Aspirate

PCR Polymerase Chain Reaction  
Seq PCR sequencing

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](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](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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