



# VIROLOGY WEEKLY REPORT

2012/38 25 September 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 17/09/2012 - 23/09/2012

## PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	10	4	3		17
Influenza A H1N1 swl	1				1
Influenza A H3N2	8			5	13
Influenza B	5	1	6		12
Bocavirus				3	3
Metapneumovirus	13	1		13	27
Mycoplasma Pneumoniae		1		4	5
Parainfluenza 1	2				2
Parainfluenza 3	17	3		9	29
Parainfluenza 4				4	4
Picornavirus	36				36
Respiratory Syncytial Virus (RSV)	18	7	4	6	35
Rhinovirus	1			18	19
Rotavirus	4	3	2	3	12
Varicella Zoster Virus (VZV)	1	2	4	5	12
Adenovirus	13	2	8	7	30
Enterovirus	2	4	1		7

## 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	Nasopharynx	09.8.2012	25 D/M	
Adenovirus	Type 1	Seq	CA	NPA	15.9.2011	9 M/M	
Adenovirus	Type 1	Seq	SA	Nasopharynx	16.8.2012	10M/M	
Adenovirus	Type 1	Seq	WK	Nose	22.8.2012	5 M/M	
Adenovirus	Type 1	Seq	SA	Nasopharynx	25.8.2012	8 M/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	20.7.2012	2 M/F	
Adenovirus	Type 2	Seq	SA	Nasopharynx	10.8.2012	7 M/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	19.8.2012	3 M/F	
Adenovirus	Type 2	Seq	SA	Nasopharynx	21.8.2012	5 M/M	
Adenovirus	Type 2	Seq	SA	NPA	27.8.2011	10 M/F	
Adenovirus	Type 2	Seq	SA	Nasopharynx	23.8.2012	3 M/F	
Adenovirus	Type 2	Seq	SA	Nasopharynx	26.8.2012	3 M/M	
Adenovirus	Type 3	Seq	WK	Eye	20.8.2012	9Y/M	
Adenovirus	Type 3	Neut	CA	Eye	04.9.2012	29 Y/M	
Adenovirus	Type 4	Seq	SA		16.8.2012	40Y/M	
Adenovirus	Type 4	Seq	WK	Nose	21.7.2012	2Y/F	
Adenovirus	Type 8	Seq	WK	Conjunctiva	27.7.2012	18Y/F	
Adenovirus	Type 8	Seq	WK	Conjunctiva	22.6.2012	18Y/F	
Adenovirus	Type 8	Seq	SA	Nasopharynx	08.8.2012	1Y/M	
Adenovirus	Type 11	Seq	WK	Eye	23.8.2002	9 Y/M	
Adenovirus	Type 22	Seq	WK	Eye	20.8.2012	48Y/F	
Adenovirus	Type 37	Seq	CB	Conjunctiva	09.7.2012	26Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

NPA

Nasopharyngeal Aspirate

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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