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## VIROLOGY WEEKLY REPORT

2012/17 03 May 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 23/04/2012 - 29/04/2012

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	1				1
Influenza A H3N2				1	1
Influenza B		2			2
Metapneumovirus	1				1
Mycoplasma Pneumoniae		1		1	2
Parainfluenza 1		1			1
Parainfluenza 3	1			1	2
Respiratory Syncytial Virus (RSV)	5	1		5	11
Rhinovirus	1			5	6
Rotavirus	4	4			8
Varicella Zoster Virus (VZV)	1	6	2	4	13
Adenovirus	5			2	7
Enterovirus	1	1			2
Measles	2				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 2	Seq	SA	NPA	09.4.2012	7 M/M	Bronchiolitis
Adenovirus	Type 4	Seq	WK	Eye	03.4.2012	39 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	02.4.2012	25 Y/M	Conjunctivitis
Adenovirus	Type 4	Seq	CB	Eye	27.3.2012	51 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	29.3.2012	50 Y/F	
Adenovirus	Type 11	Seq	CB	Urine	17.3.2012	14 Y/M	
Measles		PCR	CA	Swab	23.4.2012	1 Y/F	
Measles		PCR	CA	Throat Swab	21.4.2012	2 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

PCR Polymerase Chain Reaction

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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