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# VIROLOGY WEEKLY REPORT

2013/31 09 August 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 29/07/2013 - 04/08/2013

## PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	11		5		16
Influenza A H1N1 swl		2	7	1	10
Influenza A H3N2	2		5		7
Influenza B	10	8	25	2	45
Bocavirus				2	2
Coronavirus				13	13
Metapneumovirus		2		1	3
Mycoplasma Pneumoniae		1		6	7
Parainfluenza 1	1				1
Parainfluenza 2	5			1	6
Parainfluenza 3	17			2	19
Parainfluenza 4				1	1
Parechovirus				1	1
Picomavirus	17				17
Respiratory Syncytial Virus (RSV)	44	29	4		77
Rhinovirus	1		26	12	39
Rotavirus	7	10		1	18
Varicella Zoster Virus (VZV)	2	4	4	7	17
Adenovirus	13	3	6	3	25
Enterovirus	9	3	5	2	19
Measles	1				1
Rubella				1	1

## 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	NPA	18.7.2013	4M/M	URTI
Adenovirus	Type 14	Seq	CA	Eye	31.3.2013	11 Y/M	Conjunctivitis
Adenovirus	Type 14	Seq	CA	Eye	12.4.2013	15Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	27.7.2013	13Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Throat Swab	26.7.2013	30Y/M	Pharyngeal ulcers
Enterovirus	Coxsackievirus Group B type 4	Seq	WK	Nasal	20.6.2013	8 Y/F	
Enterovirus	Echovirus type 7	Seq	WK	Nasal	24.6.2013	8 M/F	
Enterovirus	Echovirus type 9	Seq	WK	Throat	17.6.2013	4 Y/M	
Measles		PCR	CA	NPS	31.7.2013	1 Y/F	
Rubella		IgM	CB	Serum	23.7.2013	2 Y/M	

CA: Central Auckland

WK: Waikato

CB: Canterbury

Neut Neutralisation test  
IgM IgM ELISA

NPA Nasopharyngeal Aspirate  
PCR Polymerase Chain Reaction

Seq PCR sequencing  
NPS Nasopharyngeal Swab

**NOTE:** During April to September 2013, 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 Auckland labs (Labplus - Virology and Middlemore Hospital - Microbiology), Waikato Virology lab, Canterbury Health - Virology lab and Wellington labs (Wellington Hospital - Microbiology Lab and ESR).

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