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## VIROLOGY WEEKLY REPORT

2013/27 18 July 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 01/07/2013 - 07/07/2013

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

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A		1	4		5
Influenza A H3N2	1				1
Influenza B	2		12	1	15
Bocavirus				1	1
Coronavirus				5	5
Human Metapneumovirus				7	7
Parainfluenza 2	12				12
Parainfluenza 3	3	1			4
Parainfluenza 4				1	1
Parechovirus				2	2
Picornavirus	35	1			36
Respiratory Syncytial Virus (RSV)	65	11	5	15	96
Rhinovirus	3		78	14	95
Rotavirus	2	4	2		8
Varicella Zoster Virus (VZV)	4	11	1	2	18
Adenovirus	12	2	13		27
Enterovirus	5	5	1		11
Mumps	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 1	Seq	CA	Nasopharynx	01.6.2013	5 M/F	
Adenovirus	Type 1	Seq	CA	Nasopharynx	Not specified	1 Y/F	
Adenovirus	Type 3	Seq	CA	Nasopharynx	Not specified	1 Y/M	
Adenovirus	Type 3	Seq	CB	Nasopharynx	02.6.2013	5 M/M	
Adenovirus	Type 3	Seq	CB	Eye	05.6.2013	11 Y/F	
Adenovirus	Type 3	Seq	WK	Nasal	23.5.2013	5 Y/F	
Adenovirus	Type 4	Seq	CB	Eye	23.5.2013	32 Y/M	
Adenovirus	Type 4	Seq	CA	Eye	18.2.2013	65 Y/F	
Adenovirus	Type 37	Neut	CA	Left Eye Swab	11.6.2013	44Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Unknown	20.5.2013	1 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Unknown	19.5.2013	14 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Finger	01.5.2013	10 M/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	25.6.2013	30Y/M	
Enterovirus	Echovirus type 6	Neut	CA	Throat Swab	24.6.2013	39Y/F	?Meningitis
Mumps		IgM	CA	Serum	27.6.2013	22Y/M	Sore throat, large lymph nodes

CA: Central Auckland

CB: Canterbury

WK: Waikato

Neut      Neutralisation test  
IgM      Positive IgM ELISA

Seq      PCR sequencing

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).

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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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