



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



VIROLOGY WEEKLY REPORT

2013/29 26 July 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 15/07/2013 - 21/07/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	3		11		14
Influenza A H1N1 swl	2	1	4	2	9
Influenza A H3N2	10	1	4		15
Influenza B	7	5	22	1	35
Coronavirus				8	8
Metapneumovirus				4	4
Mycoplasma Pneumoniae		1		9	11
Parainfluenza 1	2			1	3
Parainfluenza 2	5	1			6
Parainfluenza 3	4				4
Parechovirus				1	1
Picornavirus	26	2			28
Respiratory Syncytial Virus (RSV)	72	28	7	15	94
Rhinovirus	5		20	12	37
Rotavirus	1	8		1	10
Varicella Zoster Virus (VZV)	3	5	2	6	11
Adenovirus	11	3	11	2	27
Enterovirus	4	1	4		9

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	WK	Nasopharynx	28.05.2013	7 M/M	
Adenovirus	Type 3	Seq	WK	Throat	06.06.2013	5 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	13.06.2013	33 Y/F	
Adenovirus	Type 3	Seq	WK	Nasal	11.06.2013	19 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	02.06.2013	5 M/M	
Adenovirus	Type 3	Seq	WK	Eye	19.06.2013	19 Y/F	
Adenovirus	Type 3	Seq	CB	Nasopharynx	06.06.2013	23 Y/F	
Adenovirus	Type 4	Neut	CA	Eye	01.07.2013	41 Y/F	
Adenovirus	Type 4	Seq	WK	Eye	11.06.2013	8 M/M	
Adenovirus	Type 4	Seq	WK	Eye	06.06.2013	42 Y/M	
Adenovirus	Type 4	Seq	WK	Eye	14.06.2013	41 Y/M	
Adenovirus	Type 4	Neut	CA	Eye	03.07.2013	36 Y/M	
Adenovirus	Type 8	Seq	CB	Eye	09.06.2013	43 Y/M	
Adenovirus	Type 37	Seq	SA	Conjunctiva	13.06.2013	52 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	SA	Not specified	27.05.2013	9 M/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	WK	Not specified	04.06.2013	1 M/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

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. 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.

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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