



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



VIROLOGY WEEKLY REPORT

2013/32 16 August 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 05/08/2013 - 11/08/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	8				8
Influenza A H1N1 swl	1	1	5	2	9
Influenza A H3N2	18	1	16	1	36
Influenza B	16	6	27	4	53
Bocavirus				1	1
Coronavirus				4	4
Metapneumovirus		6		2	8
Mycoplasma Pneumoniae			2	2	4
Parainfluenza 2	4				4
Parainfluenza 3	10			2	12
Parainfluenza 4				2	2
Parechovirus				1	1
Parvovirus				1	1
Picornavirus	31				31
Respiratory Syncytial Virus (RSV)	37	10	1	14	62
Rhinovirus	1		19	17	37
Rotavirus	4	7	3	3	17
Varicella Zoster Virus (VZV)	6	4	2	12	24
Adenovirus	14	6	10	2	32
Enterovirus	6	3		6	15

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	Nasal	30.06.2013	3 M/M	
Adenovirus	Type 2	Seq	WK	Faeces	17.07.2013	8 M/F	Bronchiolitis
Adenovirus	Type 2	Neut	CA	NPA	24.07.2013	1Y/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	07.07.2013	11 M/F	
Adenovirus	Type 3	Seq	WK	Faeces	16.07.2013	4 M/M	Pneumonia
Adenovirus	Type 3	Seq	WK	Nasal	12.07.2013	3 Y/M	Asthma, pneumonia
Adenovirus	Type 3	Seq	WK	Nasal	17.07.2013	9 M/M	
Adenovirus	Type 3	Seq	CB	Eye	12.07.2013	36 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	10.07.2013	35 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	08.07.2013	-/M	
Adenovirus	Type 3	Seq	WK	Nasal	05.07.2013	6 M/M	
Adenovirus	Type 4	Neut	CA	Left Eye Swab	13.07.2013	33Y/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 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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