



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



VIROLOGY WEEKLY REPORT

2013/41 22 October 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 07/10/2013 - 13/10/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	7	1	23		31
Influenza A H1N1 swl	1		2	9	12
Influenza A H3N2	6		15	3	24
Influenza B	4	4	29	11	48
Bocavirus				3	3
Coronavirus				2	2
Metapneumovirus		2		10	12
Mycoplasma Pneumoniae		2	1	9	12
Parainfluenza 2				1	1
Parainfluenza 3	18	3	3	10	34
Picornavirus	28				28
Respiratory Syncytial Virus (RSV)	2	4	1	11	18
Rhinovirus	4		34	21	59
Rotavirus	2		1	3	6
Varicella Zoster Virus (VZV)	4	2	3	8	17
Adenovirus	13	5	10		28
Enterovirus	2		5	1	8
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 1	Seq	WK	Nose	07.9.2013	1 Y/F	
Adenovirus	Type 2	Seq	WK	Aspirate	30.8.2013	7 M/M	
Adenovirus	Type 2	Seq	SA	NPA	25.8.2013	10 M/F	
Adenovirus	Type 3	Neut	CA	Eye	24.9.2013	34Y/F	Bilateral conjunctivitis
Adenovirus	Type 3	Seq	WK	Eye	11.9.2013	18 Y/F	
Adenovirus	Type 3	Seq	WK	Nose	27.8.2013	36 Y/F	
Adenovirus	Type 4	Seq	CB	Eye	17.9.2013	61 Y/F	
Adenovirus	Type 22	Seq	CB	Eye	13.9.2013	43 Y/M	
Enterovirus	Echovirus type 7	Seq	WK	Nose	04.9.2013	10 M/F	
Enterovirus	Echovirus type 7	Neut	CA	NPA	01.10.2013	2Y/M	
Rubella		IgM	CB	Serum	04.10.2013	36Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

NPA Nasopharyngeal Aspirate

IgM Positive IgM ELISA

Seq PCR sequencing

NOTE: During April to October 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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