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VIROLOGY WEEKLY REPORT

2013/43 01 November 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 21/10/2013 - 27/10/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	4	1	13		18
Influenza A H1N1 swl			1	8	9
Influenza A H3N2			5	4	9
Influenza B	1		10	14	25
Metapneumovirus	2	2		4	8
Mycoplasma Pneumoniae		3		2	5
Parainfluenza 1				2	2
Parainfluenza 3	4	1		3	8
Parvovirus				1	1
Respiratory Syncytial Virus (RSV)	1	1		3	5
Rhinovirus	5		47		52
Rotavirus	3			3	6
Varicella Zoster Virus (VZV)	3	3	4	1	11
Adenovirus	6	2	10	1	19
Enterovirus	4	3	6	1	14

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	Seq	CA	Nasopharynx	06.9.2013	1 Y/F	
Adenovirus	Type 3	Seq	SA	Nasopharynx	05.9.2013	2 Y/F	
Adenovirus	Type 3	Seq	SA	Nasopharynx	04.9.2013	6 M/M	
Adenovirus	Type 4	Seq	SA	Nasopharynx	01.9.2013	48 Y/F	
Adenovirus	Type 4	Neut	CA	Eye	09.10.2013	38Y/F	Red eye
Adenovirus	Type 5	Neut	CA	NPA	25.9.2013	1Y/F	
Adenovirus	Type 7	Seq	WK	Eye	09.9.2013	12 Y/F	Conjunctivitis
Enterovirus	Echovirus type 6	Seq	WK	Faeces	22.9.2013	1 M/F	Premature, apnea, fever, diarrhea
Enterovirus	Echovirus type 7	Seq	TK	Faeces	14.9.2013	26 D/M	
Enterovirus	Echovirus type 7	Seq	WK	Faeces	19.9.2013	11 M/M	fever, loose stools, seizures
Enterovirus	Echovirus type 30	Seq	CB	Throat	24.9.2013	20 Y/M	
Enterovirus	Enterovirus type 71	Seq	CB	Foot	16.9.2013	1 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

TK: Taranaki

WK: Waikato

Neut Neutralisation test

NPA Nasopharyngeal Aspirate

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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