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VIROLOGY WEEKLY REPORT

2014/20 23 May 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 12/05/2014 - 18/05/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A			2		2
Influenza A H1N1 pdm09			3	3	6
Influenza A H3N2	2		1		3
Influenza B			2	2	4
Bocavirus				1	1
Coronavirus				1	1
Metapneumovirus			1	1	2
Mycoplasma Pneumoniae		5	1	9	15
Parainfluenza 1			3	2	5
Parainfluenza 3				1	1
Picornavirus	14				14
Respiratory Syncytial Virus (RSV)	5	8	1	4	18
Rhinovirus	3		17	8	28
Rotavirus	2			1	3
Varicella Zoster Virus (VZV)	6		4	9	19
Adenovirus	6	2	6	1	15
Enterovirus	4		1		5

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	NPS	22.4.2014	5M/M	?Bronchiolitis, fever
Adenovirus	Type 2	Seq	SA	NPA	31.3.2014	11M/M	
Adenovirus	Type 3	Seq	CB	Swab	28.4.2014	4Y/F	
Adenovirus	Type 3	Seq	OT	Eye Swab	01.4.2014	11Y/U	Conjunctivitis
Adenovirus	Type 4	Neut	CA	Eye swab	04.4.2014	46Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	SA	Eye Swab	07.4.2014	29Y/M	
Adenovirus	Type 7	Seq	WK	Nasal	16.4.2014	3Y/M	URTI
Enterovirus	Coxsackievirus Group A type 16	Seq	SA	CSF	09.3.2014	1M/M	
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Nasal	06.4.2014	1Y/F	
Enterovirus	Enterovirus type 71	Seq	WK	Skin	15.4.2014	1Y/M	

CA: Central Auckland

CB: Canterbury

OT: Otago

SA: South Auckland

WK: Waikato

Neut Neutralisation test
NPS Nasopharyngeal Swab
Seq PCR sequencing

NPA Nasopharyngeal Aspirate
CSF Cerebrospinal Fluid

NOTE: During April to September 2014, 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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