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VIROLOGY WEEKLY REPORT

2012/33 30 August 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 13/08/2012 - 19/08/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	20	10	4		34
Influenza A H1N1 swl	5	1	5	2	13
Influenza A H3N2	30	11	46	20	107
Influenza B	12		5		17
Bocavirus				2	2
Metapneumovirus	12			7	19
Mycoplasma Pneumoniae				7	7
Parainfluenza 1	3	2			5
Parainfluenza 2	1				1
Parainfluenza 3	28	2		20	50
Parainfluenza 4				1	1
Picornavirus	58				58
Respiratory Syncytial Virus (RSV)	65	12	13	15	105
Rhinovirus				19	19
Rotavirus	2	2			4
Varicella Zoster Virus (VZV)	2	4	2	5	13
Adenovirus	20	1	3		24
Enterovirus	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	SA	NPA	15.7.2012	9 M/M	
Adenovirus	Type 1	Seq	CB	Nasal	24.7.2012	1 Y/M	
Adenovirus	Type 1	Seq	CB	Nasopharynx	24.7.2012	9 M/M	
Adenovirus	Type 1	Seq	CB	Nasopharynx	24.7.2012	9 M/F	
Adenovirus	Type 1	Seq	SA	NPA	09.8.2012	1 Y/M	
Adenovirus	Type 1	Seq	SA	NPA	09.8.2012	67Y/M	
Adenovirus	Type 1	Seq	SA	NPA	25.7.2012	5M/F	
Adenovirus	Type 2	Seq	CA	NPA	04.7.2012	10 M/F	
Adenovirus	Type 2	Seq	CB	Nasopharynx	03.8.2012	6M/U	
Adenovirus	Type 3	Seq	CB	Eye	09.7.2012	47 Y/F	
Adenovirus	Type 3	Seq	WK	Eye	23.6.2012	25Y/M	Red eye
Adenovirus	Type 3	Seq	CB	NPS	03.7.2012	3 Y/F	
Adenovirus	Type 8	Neut	CA	Left eye swab	29.6.2012	53Y/M	
Adenovirus	Type 8	Seq	WK	Eye swab	24.7.2012	30Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test

NPS Nasopharyngeal Swab

NPA Nasopharyngeal Aspirate

Seq PCR sequencing

NOTE: During April to September 2012, 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 Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital, Middlemore hospital and ESR.

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