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VIROLOGY WEEKLY REPORT

2013/23 17 June 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 03/06/2013 - 09/06/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	1		1		2
Influenza A H1N1					0
Influenza B	2	1	7		10
Bocavirus				1	1
Coronavirus				11	11
Mycoplasma Pneumoniae		1	1	7	9
Parainfluenza 2	4			1	5
Parainfluenza 3				1	1
Parechovirus				1	1
Picornavirus	32	2			34
Respiratory Syncytial Virus (RSV)	31	6	3		40
Rhinovirus	5		60	12	77
Rotavirus	2	3	1		6
Varicella Zoster Virus (VZV)	3	4	1	3	11
Adenovirus	9	1	21	3	34
Enterovirus	3	2	2		7
Measles			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 37	Neut	CA	Left Eye Swab	14.5.2013	3Wk/M	
Adenovirus	Type 37	Neut	CA	Eye Swab	01.5.2013	24Y/M	Conjunctivitis
Adenovirus	Type 4	Neut	CA	NPS	20.5.2013	74Y/M	
Adenovirus	Type 4	Neut	CA	Nasal	19.5.2013	38Y/M	
Adenovirus	Type 4	Neut	CA	Left Eye Swab	07.5.2013	59Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	04.6.2013	1Y/F	Rash on arms/legs, inside mouth
Measles		PCR	WN	Throat Swab	04.6.2013	1Y/M	

CA: Central Auckland

WN: Wellington

Neut Neutralisation test
NPS Nasopharyngeal Swab

PCR Polymerase Chain Reaction
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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