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VIROLOGY WEEKLY REPORT

2013/22 11 June 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 27/05/2013 - 02/06/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A			2		2
Influenza A H1N1 swl			1	1	2
Influenza A H3N2			1		1
Influenza B	1		7		8
Coronavirus				3	3
Mycoplasma Pneumoniae			2	5	7
Parainfluenza 1	2				2
Parainfluenza 2	4				4
Parainfluenza 3	2				2
Parainfluenza 4				2	2
Picornavirus	25	2			27
Respiratory Syncytial Virus (RSV)	27	1	1	8	37
Rhinovirus	4		28	16	48
Rotavirus	4	8	2		14
Varicella Zoster Virus (VZV)	4	6	2	6	18
Adenovirus	12	2	20	1	35
Enterovirus	10		5	2	17

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	Neut	CA	Faeces	10.5.2013	7M/M	
Adenovirus	Type 1	Seq	WK	Nasal	18.4.2013	11M/M	
Adenovirus	Type 3	Neut	CA	Oropharynx swab	08.5.2013	37Y/F	
Adenovirus	Type 3	Neut	CA	Left Eye Swab	10.5.2013	15Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Throat Swab	24.5.2013	42Y/F	Rash
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	23.5.2013	6M/F	Blisters
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	24.5.2013	2Y/F	Blisters
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Throat Swab	27.5.2013	37Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Swab	28.5.2013	14Y/F	Pustules
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Faeces	29.5.2013	2Y/F	Widespread rash, loose bms, febrile
Enterovirus	Echovirus type 30	Seq	CA	CSF	26.5.2013	19Y/M	

CA: Central Auckland

WK: Waikato

Neut Neutralisation test

CSF Cerebrospinal Fluid

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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