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VIROLOGY WEEKLY REPORT

2013/33 28 August 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 12/08/2013 - 18/08/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	9		4		13
Influenza A H1N1 swl	3	2	2	3	10
Influenza A H3N2	29	1	26	1	57
Influenza B	27	9	29	3	68
Coronavirus				5	5
Metapneumovirus		7		3	10
Mycoplasma Pneumoniae				5	5
Parainfluenza 1	1	1		1	3
Parainfluenza 2	2	1		2	5
Parainfluenza 3	11	3		5	19
Picornavirus	46				46
Respiratory Syncytial Virus (RSV)	34	17	2	19	72
Rhinovirus	3		23	8	34
Rotavirus	2	3		2	7
Varicella Zoster Virus (VZV)		3	2	6	11
Adenovirus	18	2	2		22
Enterovirus	11		6	3	20
Measles				1	1
Rubella				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 2	Neut	CA	NPA	26.07.2013	2Y/M	
Adenovirus	Type 4	Neut	CA	Left Eye Swab	25.07.2013	35Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 6	Seq	WR	Buttock	15.07.2013	1 Y/M	
Enterovirus	Coxsackievirus Group B type 3	Seq	WK	Nasal	03.07.2013	10 M/M	
Enterovirus	Coxsackievirus Group B type 4	Seq	WK	Nasal	11.07.2013	9 M/F	
Measles		IgM	CB	Serum	09.08.2013	1Y/M	
Rubella		IgM	CB	Serum	09.08.2013	1Y/M	

CA: Central Auckland

CB: Canterbury

WK: Waikato

WR: Wairarapa

Neut Neutralisation test
IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate
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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