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VIROLOGY WEEKLY REPORT

2014/27 10 July 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 30/06/2014 - 06/07/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato/BOP labs	Wellington labs	Christchurch lab	
Influenza A	6	45	18		69
Influenza A H1N1 pdm09	16		10	28	54
Influenza A H3N2	3			1	4
Influenza B	2	1	3	1	7
Bocavirus				5	5
Coronavirus				14	14
Metapneumovirus	1	1	6	19	27
Mycoplasma pneumoniae		6		9	15
Parainfluenza 1	4		4	5	13
Parainfluenza 4				3	3
Parechovirus				1	1
Picornavirus	29				29
Respiratory Syncytial Virus (RSV)	62	23	32	24	141
Rhinovirus	9		18	11	38
Rotavirus	5	6		3	14
Varicella Zoster Virus (VZV)	1	4	4	8	17
Adenovirus	8	1	2	4	15
Enterovirus	4	1	8	1	14
Measles	2			1	3
Mumps	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
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Mouth	27.5.2014	1Y/M	
Enterovirus	Enterovirus type 71	Seq	CB	Faeces	20.5.2014	2M/M	
Enterovirus	Enterovirus type 71	Seq	CB	Faeces	26.5.2014	4M/F	
Measles		IgM	HB	Serum	28.6.2014	15Y/F	
Measles		IgM	CA	Serum	01.7.2014	18Y/F	
Measles		PCR	CA	Throat	02.7.2014	1Y/M	
Mumps		IgM	CA	Serum	30.6.2014	27Y/M	
Rubella		PCR	CA	Swab	28.6.2014	17Y/M	

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

WK: Waikato

PCR Polymerase Chain Reaction
Seq PCR sequencing

IgM IgM ELISA

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 & BOP labs (Waikato and Pathlab-Tauranga), Canterbury Health-Virology lab and Wellington labs (Wellington Hospital- Microbiology Lab and ESR).

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