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VIROLOGY WEEKLY REPORT

2014/32 15 August 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 04/08/2014 - 10/08/2014

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	47	39	85		171
Influenza A H1N1 pdm09	47		32	34	113
Influenza A H3N2	1		7	2	10
Influenza B	4	2	8	4	18
Bocavirus				4	4
Coronavirus				13	13
Metapneumovirus	10	6	13	8	37
Mycoplasma pneumoniae		1		4	5
Parainfluenza 1	6	2	1	1	10
Parainfluenza 3	3		3	4	10
Parainfluenza 4				2	2
Picornavirus	25	1			26
Respiratory Syncytial Virus (RSV)	52	24	45	29	150
Rhinovirus	12		24	11	47
Rotavirus	9	10	8	5	32
Varicella Zoster Virus (VZV)	2	4	4	2	12
Adenovirus	12	1	9	1	23
Enterovirus	1	1	3	1	6
Measles	3				3
Mumps	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	WK	Nasal	21.6.2014	7M/M	Unwell
Adenovirus	Type 2	Seq	SA	NPA	03.7.2014	1Y/M	
Adenovirus	Type 4	Seq	CB	Swab	23.7.2014	8Y/M	Febrile
Adenovirus	Type 5	Seq	SA	Unknown	02.7.2014	4M/F	
Measles		PCR	CA	Swab	02.8.2014	1Y/F	
Measles		PCR	CA	Swab	02.8.2014	1Y/F	
Measles		PCR	CA	Throat	02.8.2014	1Y/M	
Mumps		IgM	CA	Serum	31.7.2014	56Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

NPA Nasopharyngeal Aspirate
PCR Polymerase Chain reaction

IgM IgM ELISA
Seq PCR sequencing

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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