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VIROLOGY WEEKLY REPORT

2014/31 07 August 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 28/07/2014 - 03/08/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato and BOP labs	Wellington labs	Christchurch lab	
Influenza A	27	50	22		99
Influenza A H1N1 pdm09	70		36	25	131
Influenza A H3N2	11		10	3	24
Influenza B	8	4	2	3	17
Bocavirus				4	4
Coronavirus				19	19
Metapneumovirus	10	3	34	9	56
Mycoplasma pneumoniae		1		10	11
Parainfluenza 1	4	1	6	1	12
Parainfluenza 3	3			2	5
Picornavirus	43	2			45
Respiratory Syncytial Virus (RSV)	49	29	62	20	160
Rhinovirus	14		38	16	68
Rotavirus	14	14	8	2	38
Varicella Zoster Virus (VZV)	2	5	4	3	14
Adenovirus	11	3	8	5	27
Enterovirus		2	6		8
Measles	1				1
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
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Throat	23.6.2014	43Y/M	?pneumonia, flu-like symptoms
Measles		PCR	CA	Swab	27.7.2014	12Y/F	
Mumps		IgM	WN	Serum	1.8.2014	9Y/F	Lymphadenopathy

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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