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VIROLOGY WEEKLY REPORT

2014/41 15 October 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 06/10/2014 - 12/10/2014

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	17	7	3		27
Influenza A H1N1 pdm09	2		7	1	10
Influenza A H3N2	8		11	11	30
Influenza B	2	1	6	4	13
Bocavirus				5	5
Coronavirus				3	3
Metapneumovirus	7	3	7	2	19
Mycoplasma pneumoniae			1		1
Parainfluenza 1			1		1
Parainfluenza 2	2				2
Parainfluenza 3	12	2	4	3	21
Parainfluenza 4				2	2
Picornavirus	32				32
Respiratory Syncytial Virus (RSV)	11	6	9	5	31
Rhinovirus	22		21	12	55
Rotavirus	10	2	6	12	30
Varicella Zoster Virus (VZV)	1	4	7	6	18
Adenovirus	14	3	15	4	36
Enterovirus	1	1	6		8
Measles	1			1	2

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	24.8.2014	8M/M	? Bronchiolitis
Adenovirus	Type 1	Seq	SA	Sputum	03.7.2014	23Y/F	
Adenovirus	Type 2	Seq	CB	NPS	15.9.2014	2Y/M	Chronic, Cough
Adenovirus	Type 2	Seq	SA	NPS	11.9.2014	4M/M	
Adenovirus	Type 2	Seq	SA	NPA	09.9.2014	1Y/M	
Adenovirus	Type 2	Seq	HB	Swab	17.9.2014	4Y/M	
Adenovirus	Type 2	Seq	NW	Throat	20.9.2014	21Y/F	
Adenovirus	Type 3	Seq	SA	NPA	23.9.2014	5M/M	
Adenovirus	Type 3	Seq	NW	NPA	14.9.2014	10M/F	
Adenovirus	Type 3	Seq	WK	Eye	14.9.2014	32Y/M	
Adenovirus	Type 3	Seq	NW	NPA	06.9.2014	3Y/F	
Adenovirus	Type 3	Seq	SA	NPA	23.9.2014	9M/M	
Adenovirus	Type 5	Seq	SA	NPA	02.9.2014	6M/M	
Adenovirus	Type 7	Seq	WK	Bronchial	09.9.2014	40Y/M	
Adenovirus	Type 37	Seq	WK	Eye	11.9.2014	20Y/M	
Adenovirus	Type 37	Seq	WK	Eye	08.9.2014	46Y/F	Keratitis
Influenza A H3N2	A/Texas/50/2012 (H3N2)	HAI	CA	Throat	05.9.2014	9Y/F	
Measles		PCR	CA	NPA	04.10.2014	1Y/F	
Measles		IgM	CB	Serum	09.10.2014	34Y/F	

CA: Central Auckland
SA: South Auckland

CB: Canterbury
WK: Waikato

HB: Hawkes Bay

NW: North West Auckland

NPA	Nasopharyngeal Aspirate	NPS	Nasopharyngeal Swab
PCR	Polymerase Chain Reaction	HAI	Haemagglutination Inhibition test
Seq	PCR sequencing		

Thank you to all who have participated in this year's Influenza Surveillance network. Please note that the Influenza Surveillance is now finished. Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of November.

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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