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VIROLOGY WEEKLY REPORT

2013/44 08 November 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 28/10/2013 - 03/11/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	4		5		9
Influenza A H1N1 swl	5		2	2	9
Influenza A H3N2	4		5	1	10
Influenza B	2		5	4	11
Bocavirus				1	1
Coronavirus				2	2
Metapneumovirus	1	2		8	11
Mycoplasma Pneumoniae		2		9	11
Parainfluenza 3	8	2		6	16
Picornavirus	49	2			51
Respiratory Syncytial Virus (RSV)	1		1	2	4
Rhinovirus	1		11	17	29
Rotavirus	4			3	7
Varicella Zoster Virus (VZV)			3	6	9
Adenovirus	18	4	10	1	33
Enterovirus	7	2	4	1	14

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	CA	Nasopharynx	07.10.2013	1 Y/F	
Adenovirus	Type 1	Seq	SA	Nasopharynx	21.9.2013	2 M/M	
Adenovirus	Type 1	Seq	SA	Nasopharynx	24.9.2013	1 Y/M	
Adenovirus	Type 1	Seq	SA	Nasopharynx	26.9.2013	6 M/M	
Adenovirus	Type 1	Seq	WK	Nasal	25.9.2013	10M/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	19.9.2013	7 M/M	
Adenovirus	Type 3	Seq	CB	Eye	30.9.2013	32 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	30.9.2013	41 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	27.9.2013	1 Y/M	
Adenovirus	Type 3	Seq	CB	Nasal	30.9.2013	23 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	19.9.2013	29 Y/F	
Adenovirus	Type 3	Seq	WK	Nasal	26.9.2013	3 Y/F	LRTI
Adenovirus	Type 3	Seq	WK	Eye	19.9.2013	50 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	30.9.2013	3 Y/M	
Adenovirus	Type 4	Seq	CA	Throat	03.10.2013	3 Y/M	
Adenovirus	Type 4	Seq	WK	Throat	17.9.2013	38 Y/M	sore throat, ear discharge, cough
Adenovirus	Type 4	Seq	WK	Eye	24.9.2013	53 Y/M	Conjunctivitis
Adenovirus	Type 4	Seq	SA	Nasopharynx	29.9.2013	9 M/F	
Adenovirus	Type 5	Seq	SA	Nasopharynx	15.9.2013	1 Y/M	
Adenovirus	Type 5	Neut	CA	NPA	13.9.2013	1 Y/M	

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Enterovirus	Echovirus type 6	Seq	SA	CSF	19.9.2013	32Y/M	
Enterovirus	Echovirus type 7	Seq	SA	CSF	13.9.2013	16Y/M	

CA: Central Auckland CB: Canterbury SA: South Auckland WK: Waikato

Seq PCR sequencing Neut Neutralisation test
NPA Nasopharyngeal aspirate CSF Cerebrospinal fluid

NOTE: During April to October 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.

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 Virology lab, Canterbury Health - Virology lab and Wellington labs (Wellington Hospital - Microbiology Lab and ESR).

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