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VIROLOGY WEEKLY REPORT

2013/30 01 August 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 22/07/2013 - 28/07/2013

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	7		12		19
Influenza A H1N1 swl			4		4
Influenza A H3N2	1		1		2
Influenza B	7	3	40	7	57
Bocavirus				3	3
Coronavirus				17	17
Metapneumovirus		1		7	8
Mycoplasma Pneumoniae				5	5
Parainfluenza 1	1				1
Parainfluenza 2	5			2	7
Parainfluenza 3	10			3	13
Picornavirus	32				32
Respiratory Syncytial Virus (RSV)	67	27	6	24	124
Rhinovirus	3		47	17	67
Rotavirus	5	4	1		10
Varicella Zoster Virus (VZV)	4	3	4	7	18
Adenovirus	14	5	16	1	36
Enterovirus	8	3	20	2	33
Measles				2	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	SA	Nasopharynx	23.06.2013	6 M/F	
Adenovirus	Type 1	Seq	SA	Nasopharynx	08.06.2013	3 M/M	
Adenovirus	Type 1	Seq	SA	Nasopharynx	19.06.2013	6 M/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	21.06.2013	8 M/F	
Adenovirus	Type 2	Seq	SA	Nasopharynx	21.05.2013	8 M/M	
Adenovirus	Type 2	Seq	CA	Nasopharynx	26.06.2013	1 Y/F	
Adenovirus	Type 2	Seq	SA	Throat	11.05.2013	8 Y/F	
Adenovirus	Type 3	Seq	CA	Nasopharynx	13.06.2013	27 Y/M	
Adenovirus	Type 3	Seq	SA	Nasopharynx	13.06.2013	2 Y/M	
Adenovirus	Type 3	Seq	WK	Throat	26.06.2013	6 Y/F	
Adenovirus	Type 3	Seq	TK	Eye	01.07.2013	1 Y/F	
Adenovirus	Type 3	Seq	CA	Nasopharynx	17.06.2013	9 M/M	

Virus	Type/ subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/ sex	Clinical data
Adenovirus	Type 3	Seq	SA	Sputum	22.06.2013	25 Y/M	
Adenovirus	Type 3	Seq	SC	Nasopharynx	01.07.2013	8 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	27.06.2013	11 M/F	
Adenovirus	Type 3	Neut	SA	Eye	04.07.2013	44Y/F	
Adenovirus	Type 3	Neut	SA	Eye	04.07.2013	50Y/M	
Adenovirus	Type 3	Neut	SA	Eye	12.07.2013	32Y/F	
Adenovirus	Type 4	Seq	SC	Eye	30.06.2013	66 Y/M	
Adenovirus	Type 4	Seq	WK	Eye	03.07.2013	63 Y/F	
Adenovirus	Type 4	Neut	CA	Eye	03.07.2013	36Y/M	
Adenovirus	Type 5	Seq	SA	Nasopharynx	29.06.2013	1 Y/M	
Adenovirus	Type 8	Seq	WK	Eye	19.06.2013	55 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	SA	Unknown	03.05.2013	10 M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	WN	Cheek	28.05.2013	2 Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	WN	Skin	03.06.2013	1 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	WN	Unknown	02.06.2013	10 M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Throat	20.06.2013	21 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CA	Unknown	18.05.2013	1 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Foot	15.06.2013	2 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Nasal	28.05.2013	U/M	
Enterovirus	Echovirus type 9	Seq	CB	Nasopharynx	18.06.2013	8 Y/M	
Measles		IgM	CB	Serum	23.07.2013	1Y/F	
Measles		IgM	CB	Serum	23.07.2013	2Y/M	

CA: Central Auckland
WK: Waikato

CB: Canterbury
WN: Wellington

SA: South Auckland

SC: South Canterbury

TK: Taranaki

IgM Positive IgM ELISA

Seq PCR sequencing

Neut

Neutralisation test

NOTE: During April to September 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.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital, Middlemore hospital and ESR.

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