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VIROLOGY WEEKLY REPORT

2010/26 08 July 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 28/06/2010 - 04/07/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	2	1				3
Influenza A H1N1 swl	5		2	3	3	13
Influenza B					1	1
Metapneumovirus		1				1
Mycoplasma Pneumoniae					2	2
Parainfluenza 1	2	1			1	4
Respiratory Syncytial Virus (RSV)	7	4			3	14
Rhinovirus	2		1			3
Rotavirus	3	3			8	14
Varicella Zoster Virus (VZV)	2	8			4	14
Adenovirus	3	4	1			8
Enterovirus		2	1	1		4
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	CA	NPA	10.5.2010	0.92/M	
Adenovirus	Type 2	Seq	CA	Eye	03.5.2010	47 Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	CA	Eye	28.4.2010	68 Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	CA	Eye	10.5.2010	67 Y/F	
Adenovirus	Type 3	Seq	CA	Eye	12.5.2010	23 Y/M	
Adenovirus	Type 3	Seq	CA	Eye	20.5.2010	10 Y/F	
Adenovirus	Type 4	Seq	CA	Eye	28.4.2010	68 Y/M	
Adenovirus	Type 5	Seq	CA	NPA	06.5.2010	1 Y/M	
Adenovirus	Type 8	Seq	CA	Eye	03.5.2010	60 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	11.5.2010	34 Y/F	
Adenovirus	Type 8	Seq	CA	Eye	29.4.2010	63 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	04.5.2010	7 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	04.5.2010	60 Y/F	
Adenovirus	Type 8	Seq	CA	Eye	16.4.2010	55 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	07.5.2010	69 Y/M	
Adenovirus	Type 8	Seq	CA	Eye	14.5.2010	56 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	16.4.2010	1 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	12.5.2010	60Y/F	
Adenovirus	Type 14	Seq	CA	Eye	29.4.2010	46 Y/F	Conjunctivitis
Adenovirus	Type 19	Seq	CA	Eye	05.5.2010	0.59/F	Conjunctivitis
Adenovirus	Type 19	Seq	CA	Eye	06.5.2010	17 Y/F	
Adenovirus	Type 19	Seq	CA	Eye	18.5.2010	23 Y/F	Conjunctivitis
Adenovirus	Type 19	Seq	CA	Eye	23.4.2010	35 Y/M	Conjunctivitis.
Adenovirus	Type 19	Seq	CA	Eye	26.4.2010	27 Y/M	Conjunctivitis.
Adenovirus	Type 37	Seq	CA	Eye	14.5.2010	26 Y/M	
Mumps		IgM	NW	Serum	25.6.2010	40 Y/M	

CA: Central Auckland

NW: North West Auckland

 Seq PCR Sequencing
 IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate

NOTE: During April to September 2010, 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 and ESR.

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