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## VIROLOGY WEEKLY REPORT

2010/38 30 September 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 20/09/2010 - 26/09/2010

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1				1	2
Influenza A H1N1 swl	2		6		9	17
Influenza A H3N2					2	2
Metapneumovirus		1				1
Mycoplasma Pneumoniae		3		1	5	9
Parainfluenza 1	1				1	2
Parainfluenza 3	1	1				2
Respiratory Syncytial Virus (RSV)	6			3	23	32
Rotavirus	4	1		2	1	8
RSV		11				11
Varicella Zoster Virus (VZV)	3	2		1	8	14
Adenovirus	5	8	17		2	32
Enterovirus	1		2		1	4

This week, Middlemore hospital reported 1 Influenza A H1N1 swl, 2 Parainfluenza type 3, 8 Respiratory Syncytial virus (RSV) and 8 Human Metapneumovirus infections.

### 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	NPA	28.8.2010	4 M/M	
Adenovirus	Type 1	Seq	SA	NPA	06.8.2010	13M/M	
Adenovirus	Type 1	Seq	CB	NPS	08.08.2010	7 M/F	
Adenovirus	Type 1	Seq	WK	Faeces	10.7.2010	11M/F	
Adenovirus	Type 2	Seq	CB	NPS	23.8.2010	7 M/M	
Adenovirus	Type 2	Seq	CB	NPS	10.8.2010	17M/M	
Adenovirus	Type 3	Seq	SA	NPA	06.8.2010	9 M/M	
Adenovirus	Type 3	Seq	SA	Sputum	29.8.2010	57 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	06.8.2010	54 Y/F	
Adenovirus	Type 3	Seq	CB	Eye	30.6.2010	28 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	21.8.2010	7 Y/M	
Adenovirus	Type 3	Seq	WK	Eye	05.07.2010	8 Y/M	
Adenovirus	Type 3	Seq	WK	Throat	08.6.2010	3 Y/M	
Adenovirus	Type 4	Seq	CB	Eye	05.8.2010	44 Y/F	

Adenovirus	Type 4	Seq	CB	Eye	13.8.2010	24 Y/F	
Adenovirus	Type 4	Seq	CB	Eye	13.7.2010	48 Y/F	
Adenovirus	Type 4	Seq	CB	Eye	20.8.2010	60 Y/F	
Adenovirus	Type 4	Seq	CB	Nasal	26.8.2010	1 M/M	
Adenovirus	Type 4	Seq	CB	Eye	30.8.2010	37 Y/F	
Adenovirus	Type 4	Seq	CB	Eye	25.8.2010	13 Y/F	
Adenovirus	Type 5	Seq	WK	Nasal	18.08.2010	8 M/F	
Adenovirus	Type 8	Seq	WK	Eye	05.07.2010	45 Y/M	
Adenovirus	Type 8	Seq	WK	Eye	18.08.2010	53 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	11.08.2010	16 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	22.07.2010	22 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	26.04.2010	17 Y/M	
Adenovirus	Type 8	Seq	CB	Eye	16.7.2010	43 Y/F	
Adenovirus	Type 11	Seq	WK	Urine	30.06.2010	4 Y/M	
Adenovirus	Type 14	PCR	CA	NPA	25.8.2010	1M/M	Bronchiolitis
Adenovirus	Type 14	Seq	WK	Throat	08.06.2010	57 Y/M	
Adenovirus	Type 14	Seq	WK	Nasal	17.08.2010	1 M/M	
Adenovirus	Type 14	Seq	WK	NPS	05.08.2010	17 Y/M	
Adenovirus	Type 14	Seq	WK	Throat	30.06.2010	48 Y/M	
Adenovirus	Type 14	Seq	WK	Throat	09.08.2010	15 Y/M	
Adenovirus	Type 14	Seq	WK	Nasal	07.02.2010	18 M/F	
Adenovirus	Type 14	Seq	WK	Throat	02.02.2010	32 Y/F	
Adenovirus	Type 37	Seq	WK	Eye	10.06.2010	43 Y/F	
Enterovirus	Echovirus type 3	Seq	WK	Nasal	02.07.2010	7 Y/F	
Enterovirus	Type 71	Seq	CB	Throat	11.07.2010	6 M/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	WN	CSF	17.7.2010	40 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

NPA Nasopharyngeal Aspirate  
Seq PCR Sequencing

NPS Nasopharyngeal Swab

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](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](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 Middlemore Hospital and ESR.

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