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## VIROLOGY WEEKLY REPORT

2011/18 12 May 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 02/05/2011 - 08/05/2011

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza B	1				1
Mycoplasma pneumoniae		1	1	2	4
Parainfluenza 3	1				1
Respiratory Syncytial Virus (RSV)	1	1			2
Rhinovirus				14	14
Rotavirus	1			3	4
Varicella Zoster Virus (VZV)	3	6	1	5	15
Adenovirus	4	1	2	3	10
Enterovirus	4	2	7	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 2	Neut	CA	NPA	03.4.2011	1 Y/F	
Adenovirus	Type 2	Neut	CA	NPA	14.4.2011	6 M/M	Bronchiolitis
Adenovirus	Type 2	Neut	CA	Eye	16.4.2011	38 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Throat	25.3.2011	2 Y/F	Febrile, Red pharynx
Adenovirus	Type 3	Seq	WK	Eye	04.4.2011	38 Y/M	Red eye, Sore throat
Adenovirus	Type 3	Seq	CB	Eye	25.3.2011	1 Y/M	
Adenovirus	Type 3	Neut	CA	Throat	12.4.2011	7 Y/M	
Adenovirus	Type 4	Seq	WK	Eye	30.3.2011	54 Y/F	
Adenovirus	Type 4	Seq	WK	Eye	24.3.2011	26 Y/F	
Adenovirus	Type 4	Seq	WK	Eye	30.3.2011	30 Y/F	Conjunctivitis
Adenovirus	Type 8	Seq	WK	Eye	23.3.2011	7 M/F	Conjunctivitis
Adenovirus	Type 8	Neut	CA	Eye	29.3.2011	35 Y/F	
Adenovirus	Type 8	Seq	CB	Eye	21.3.2011	19 Y/F	Conjunctivitis
Enterovirus	Coxsackievirus Group B type 2	Seq	SA	NPA	11.4.2011	7 M/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	WK	CSF	13.4.2011	30 Y/F	
Enterovirus	Echovirus type 16	Seq	CB	Throat, Faeces	08.4.2011	1 M/F	
Enterovirus	Echovirus type 9	Seq	WN	CSF	21.4.2011	19 D/F	Unwell, febrile, septic screen
Enterovirus	Enterovirus type 74	Seq	WK	Faeces	08.4.2011	8 M/M	
Measles	Genotype D8	Seq	CA	Swab	26.4.2011	1 Y/F	
Measles	Genotype D8	Seq	CA	Throat	28.4.2011	34 Y/F	Measles contact now symptomatic

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

 Neut      Neutralisation test  
 NPA      Nasopharyngeal Aspirate

 Seq      PCR sequencing  
 CSF      Cerebrospinal Fluid

NOTE: During April to September 2011, 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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