



SSN: 1173-1680



## VIROLOGY WEEKLY REPORT

2010/17 07 May 2010

---

A summary of laboratory-diagnosed viral infections of interest for the week of 26/04/2010 - 02/05/2010

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

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A	1					1
Influenza A H1N1 swl	1					1
Mycoplasma Pneumoniae				1	3	4
Parainfluenza 1	1					1
Parainfluenza 3					1	1
Rhinovirus	2					2
Rotavirus	1			2	2	5
Respiratory Syncytial Virus (RSV)		1			1	2
Varicella Zoster Virus (VZV)		9			12	21
Adenovirus	6	1	2			9
Enterovirus					1	1
Measles	4					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 4	Seq	CA	Eye	24.2.2010	36 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	22.2.2010	70 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	WN	Eye	06.11.2009	84 Y/M	
Adenovirus	Type 8	Seq	WN	Eye	06.11.2009	93 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	18.3.2010	55 Y/M	Nasty Conjunctivitis
Adenovirus	Type 8	Seq	CA	Eye	23.2.2010	19 Y/F	Viral Conjunctivitis
Adenovirus	Type 8	Seq	SC	Eye	20.2.2010	56 Y/M	
Adenovirus	Type 8	Seq	WK	Eye	15.3.2010	42 Y/M	Conjunctivitis
Adenovirus	Type 8	Seq	WK	Eye	17.3.2010	18 M/M	
Adenovirus	Type 19	Seq	CA	Eye	05.3.2010	44Y/M	Conjunctivitis
Adenovirus	Type 37	Seq	CB	Eye	27.3.2010	45 Y/F	
Measles		ELISA	CA	Serum	26.4.2010	1 Y/F	
Measles		ELISA	CA	Serum	23.4.2010	10 Y/F	
Measles		ELISA	CA	Serum	26.4.2010	37 Y/F	
Measles		PCR	CA	Nasal	26.3.2010	15 Y/M	Body rash, high fever, Conjunctivitis, Headaches
Mumps		ELISA	CA	Serum	25.4.2010	6 Y/F	

CA: Central Auckland

CB: Canterbury

SC: South Canterbury

WK: Waikato

WN: Wellington

PCR Polymerase Chain Reaction (DNA)  
ELISA Enzyme Link Immunosorbent Assay

Seq PCR Sequencing

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 ESR.

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group