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## VIROLOGY WEEKLY REPORT

2011/23 20 June 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 06/06/2011 - 12/06/2011

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	2				2
Influenza A H3N2			3		3
Influenza B	2	1	3		6
Human Metapneumovirus	2	1		2	5
Mycoplasma Pneumoniae	1		1	2	4
Parainfluenza 2	2				2
Parainfluenza 3	4			1	5
Parvovirus				4	4
Respiratory Syncytial Virus (RSV)	8	4	2	5	19
Rhinovirus	1			7	8
Rotavirus	2			4	6
Varicella Zoster Virus (VZV)	3	8		5	16
Adenovirus	1			4	5
Enterovirus	2	1	1		4
Measles	3			1	4
Mumps				1	1
Rubella				3	3

### 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	Eye	12.5.2011	35 Y/M	Severe Bilateral conjunctivitis
Measles		PCR and IgM	HB	Throat, nasal	06.6.2011	36 Y/M	Measles contact & typical rash
Measles		PCR	CA	Throat	08.6.2011	14 Y/F	Measles contact
Measles		PCR	CA	Swab	03.6.2011	9 Y/M	
Measles		PCR	CA	Swab	03.6.2011	8 Y/M	
Mumps		IgM	NM	Serum	09.6.2011	27 Y/M	
Rubella		IgM	SO	Serum	07.6.2011	24 Y/M	
Rubella		IgM	WC	Serum	07.12.2010	35 Y/F	Antenatal
Rubella		IgM	CB	Serum	01.6.2011	34 Y/M	Rash

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

NM: Nelson-Marlborough

SO: Southland

WC: West Coast

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Neut      Neutralisation test  
IgM      Positive IgM ELISA

PCR      Polymerase Chain Reaction

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).

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

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