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## VIROLOGY WEEKLY REPORT

2011/34 05 September 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 22/08/2011 - 28/08/2011

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

	Regions Reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	10	2	12	5	29
Influenza A H1N1 swl			1	6	7
Influenza A H3N2	1		3	8	12
Influenza B	7	5	22	7	41
Metapneumovirus	11	6		6	23
Mycoplasma Pneumoniae			1	7	8
Parainfluenza 2	2				2
Parainfluenza 3	11	3		4	18
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	49	26	10	6	91
Rhinovirus				6	6
Rotavirus	8	2	4	6	20
Varicella Zoster Virus (VZV)	2	8		15	25
Adenovirus	8	2		1	11
Enterovirus	1			1	2
Measles	2	1			3
Rubella	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	Neut	CA	Eye Swab	08.8.2011	48 Y/M	Sore, runny eyes
Adenovirus	Type 8	Neut	CA	Eye Swab	04.8.2011	63 Y/F	
Measles	Genotype D4	Seq, IgM	WK	NPS, urine	18.8.2011	31 Y/F	
Measles		PCR	CA	Throat Swab	25.8.2011	5M/M	URTI, then rash
Measles		IgM	CA	Serum	24.8.2011	1 Y/F	Rash, fever, recent MMR vaccination
Rubella		PCR	CA	Throat Swab	23.8.2011	21 Y/M	

CA: Central Auckland

WK: Waikato

Neut Neutralisation test  
NPS Nasopharyngeal Swab  
Seq PCR sequencing

PCR Polymerase Chain Reaction  
IgM Positive IgM ELISA

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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