



ISSN: 1173-1680 (Print)  
ISSN: 1179-903X (Online)



## VIROLOGY WEEKLY REPORT

2011/45 18 November 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 07/11/2011 - 13/11/2011

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

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A				2	2
Influenza B	1				1
Metapneumovirus	5				5
Mycoplasma Pneumoniae	1				1
Parainfluenza 3	4	1		1	6
Respiratory Syncytial Virus (RSV)	1	2	3	1	7
Rhinovirus	1	1		5	7
Rotavirus	6	3	3	13	25
Varicella Zoster Virus (VZV)	2	3	1	9	15
Adenovirus	11	1		1	13
Enterovirus	1	1	3	2	7
Measles	33	6	3	7	49

**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
Enterovirus	Echovirus type 18	Neut	CA	NPA	12.10.2011	4M/M	
Measles		PCR, IgM	CA	Throat Swab, serum	06.11.2011	13Y/M	
Measles		PCR	CA	NPS	06.11.2011	24Y/M	
Measles		PCR	CA	Throat Swab	06.11.2011	28Y/M	
Measles		PCR	CA	Throat Swab	06.11.2011	7Y/M	
Measles		PCR, IgM	CA	Swab, serum	06.11.2011	57Y/M	Rash
Measles		PCR	CA	Swab	04.11.2011	2Y/M	
Measles		IgM	CA	Serum	09.11.2011	28Y/M	
Measles		IgM	CA	Serum	09.11.2011	47Y/M	
Measles		IgM	CA	Serum	07.11.2011	17Y/M	
Measles		PCR, IgM	CA	Swab, serum	07.11.2011	34Y/F	
Measles		PCR	WN	Throat swab	06.11.2011	17Y/M	
Measles		PCR	WN	Throat swab	08.11.2011	35 Y/M	
Measles		PCR	WN	Nasal swab	08.11.2011	37 Y/F	Fever, rash, cough
Measles		IgM	WK	Serum	09.11.2011	19 Y/F	Rash
Measles		IgM	RO	Serum	08.11.2011	35 Y/F	
Measles		IgM	WK	Serum	07.11.2011	49 Y/M	
Measles		PCR	RO	Urine, NPA	07.11.2011	5M/M	
Measles		PCR	RO	Urine, NPA	06.11.2011	3 Y/M	
Measles		PCR	RO	NPS	04.11.2011	4 Y/M	
Measles		IgM	CA	Serum	08.11.2011	53Y/M	
Measles		PCR	CA	Swab	07.11.2011	18Y/F	
Measles		PCR	WK	NPA, urine	07.11.2011	5 M/M	
Measles		PCR	WK	Throat swab	08.11.2011	5 M/M	
Measles		PCR	WK	Pernasal, Urine	09.11.2011	19 Y/F	
Measles		PCR	WK	NPS	09.11.2011	49 Y/M	
Measles		PCR	WK	Urine, NPS	08.11.2011	35 Y/F	
Measles		PCR, IgM	CA	Throat Swab, serum	09.11.2011	45Y/M	
Measles		PCR	CA	Swab	08.11.2011	36Y/F	
Measles		PCR	CA	Swab	08.11.2011	22Y/M	
Measles		PCR	CA	Throat Swab	08.11.2011	4M/M	Measles contact, rash
Measles		PCR	CA	Throat Swab	06.11.2011	20Y/M	
Measles		PCR	CA	Nasal swab	08.11.2011	39 Y/F	
Measles		PCR	CA	Swab	06.11.2011	57Y/M	
Measles		PCR	CA	Throat Swab	07.11.2011	9Y/F	
Measles		PCR	CA	Swab	07.11.2011	17Y/F	
Measles		PCR	CA	Swab	06.11.2011	1Y/M	
Measles		PCR	CA	Swab	06.11.2011	2 Y/M	rash

Measles		PCR	CA	Swab	07.11.2011	1 Y/F	
Measles		PCR	CA	Swab	07.11.2011	4M/M	
Measles		PCR	CA	Swab	07.11.2011	24Y/M	Sore throat, fever, rash
Measles		PCR	CA	Swab	07.11.2011	42Y/F	
Measles		PCR	CA	Swab	05.11.2011	1 Y/M	
Measles		PCR	CA	Swab	06.11.2011	26Y/M	
Measles		PCR	CA	Throat Swab	08.11.2011	1 Y/F	Measles contact, rash
Measles		PCR	CA	Throat Swab	09.11.2011	38Y/M	
Measles		PCR, IgM	CA	Throat Swab, serum	10.11.2011	37Y/F	Rash
Measles		PCR, IgM	CA	Throat Swab, serum	10.11.2011	30Y/M	
Measles		PCR	OT	Not stated	08.11.2011	4Y/M	
Measles		PCR	CB	Nasopharynx	08.11.2011	25Y/M	
Measles		PCR	OT	Nasopharynx	05.11.2011	2Y/F	
Measles		IgM	NM	Serum	07.11.2011	16Y/M	?Post vaccination
Measles		IgM	OT	Serum	07.11.2011	4Y/M	Measles contact
Measles		IgM	OT	Serum	09.11.2011	4Y/M	Rash, non-immunised
Measles		PCR	WK	NPA, Urine	07.11.2011	3Y/M	
Measles		PCR	OT	Not stated	08.11.2011	34Y/F	

CA: Central Auckland

NM: Nelson Marlborough

OT: Otago

RO: Rotorua

WK: Waikato

WN: Wellington

Neut Neutralisation test  
 NPA Nasopharyngeal Aspirate  
 IgM Positive IgM ELISA

PCR Polymerase Chain Reaction  
 NPS Nasopharyngeal Swab

Thank you to all who have participated in this year's Influenza Surveillance network. Please note that the Influenza Surveillance is now finished. Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of November.

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

Edited by: Wendy Gunn and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, email: judy.bocacao@esr.cri.nz