



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



VIROLOGY WEEKLY REPORT

2011/33 25 August 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 15/08/2011 - 21/08/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	13	2	7	2	24
Influenza A H1N1 swl			2	4	6
Influenza A H3N2	12		1	9	22
Influenza B	6	10	12	10	38
Metapneumovirus	5	4		5	14
Mycoplasma Pneumoniae		1		4	5
Parainfluenza 1	1				1
Parainfluenza 2	2				2
Parainfluenza 3	11	4		3	18
Parvovirus				4	4
Respiratory Syncytial Virus (RSV)	30	20	8	13	71
Rhinovirus	1			7	8
Rotavirus	6	2	2	6	16
Varicella Zoster Virus (VZV)		3		6	9
Adenovirus	6	2		3	11
Enterovirus	2	3		1	6
Measles	6	3	1		11
Rubella	3				3

This week, ESR identified 15 Influenza A H3N2 and 2 Influenza A infections from Samoa.

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 3	Neut	CA	Right eye	27.7.2011	41 Y/F	
Adenovirus	Type 3	Neut	CA	Left Eye	03.8.2011	35 Y/M	
Adenovirus	Type 4	Neut	CA	Eye Swab	28.7.2011	39 Y/F	
Measles		PCR	WN	Not specified	15.8.2011	1 Y/M	Post vaccine rash
Measles		PCR, IgM	WK	Urine, Throat	15.8.2011	28 Y/F	
Measles		PCR	WK	Urine	15.8.2011	8 Y/M	
Measles		PCR, IgM	WK	Throat	17.8.2011	12 M/M	
Measles		IgM	CA	Serum	17.8.2011	1 Y/F	
Measles		IgM	CA	Serum	18.8.2011	31 Y/F	
Measles		PCR	CA	Throat	15.8.2011	13 Y/F	
Measles		PCR	CA	NPA	14.8.2011	1 Y/M	Fever, Rash
Measles		PCR	CA	Throat	16.8.2011	6 Y/F	
Measles		PCR	CA	Throat	17.8.2011	14 Y/F	
Measles		PCR	WK	Urine	08.8.2011	15 M/F	
Rubella		PCR	CA	Swab	19.8.2011	29 Y/M	
Rubella		PCR	CA	Swab	15.8.2011	7 M/M	
Rubella		PCR	CA	Throat	17.8.2011	26 Y/M	

CA: Central Auckland

WK: Waikato

Neut Neutralisation test
NPA Nasopharyngeal Aspirate

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.
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.

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

Edited by: Judy Bocacao and Dr. Sue Huang, Clinical Virology Laboratory, Health Program
Enquiries: Judy Bocacao Tel: +644 5290618, Email: judy.bocacao@esr.cri.nz

Institute of Environmental Science & Research Limited
ESR NCBID - Wallaceville
66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

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