



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



VIROLOGY WEEKLY REPORT

2011/38 03 October 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 19/09/2011 - 25/09/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	9	2	1	4	16
Influenza A H1N1 swl				2	2
Influenza A H3N2	11		14	5	30
Influenza B	3	1	5	14	23
Metapneumovirus	5	6		3	14
Mycoplasma Pneumoniae	1	1		1	3
Parainfluenza 2				2	2
Parainfluenza 3	3				3
Parvovirus				4	4
Respiratory Syncytial Virus (RSV)	14	14	4	6	38
Rhinovirus	2	1		7	10
Rotavirus	7	14	6	12	39
Varicella Zoster Virus (VZV)	5	1		13	19
Adenovirus	10	2			12
Enterovirus	5	1	1	1	8
Measles	43		1	1	45

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	Eye	7.9.2011	36 Y/M	
Adenovirus	Type 4	Neut	CA	Eye	22.8.2011	9 M/M	
Adenovirus	Type 8	Neut	CA	Eye	23.8.2011	63 Y/M	
Measles		PCR	CA	NPS	16.9.2011	40 Y/F	
Measles		PCR	CA	Throat Swab	16.9.2011	31 Y/F	
Measles		PCR	CA	Swab	16.9.2011	33 Y/F	
Measles		PCR	CA	Throat Swab	17.9.2011	7 M/F	
Measles		PCR	CA	Throat Swab	17.9.2011	1 Y/M	
Measles		PCR	CA	Throat Swab	17.9.2011	33Y/M	
Measles		PCR	CA	Swab	15.9.2011	35 Y/F	Fever, Rash
Measles		PCR	CA	Swab	17.9.2011	18 Y/F	
Measles		IgM, PCR	CA	Serum, throat swab	17.9.2011	21 Y/M	Rash
Measles		PCR	CA	Swab	17.9.2011	27 Y/F	
Measles		PCR	CA	Throat Swab	16.9.2011	1Y/M	
Measles		PCR	CA	NPS	16.9.2011	1Y/M	
Measles		PCR	CA	Throat Swab	16.9.2011	38 Y/M	Morbilliform rash
Measles		IgM	CA	Serum	18.9.2011	41 Y/M	
Measles		PCR	CA	Throat Swab	17.9.2011	32 Y/F	
Measles		IgM	CA	Serum	16.9.2011	16 Y/F	
Measles		IgM	CA	Serum	15.9.2011	2 Y/M	
Measles		IgM	CA	Serum	16.9.2011	15 Y/M	
Measles		IgM	CA	Serum	16.9.2011	20 Y/M	Rash, fever
Measles		IgM	CA	Serum	15.9.2011	12 Y/F	
Measles		IgM	CA	Serum	19.9.2011	22 Y/M	
Measles		PCR	WK	Throat	16.9.2011	1 Y/M	
Measles		PCR	CA	Throat Swab	17.9.2011	33 Y/F	
Measles		PCR	CA	Swab	20.9.2011	1Y/F	Maculopapular rash
Measles		PCR	CA	Throat Swab	20.9.2011	29 Y/F	Maculopapular rash, koplik spots
Measles		PCR	CA	Swab	21.9.2011	22 Y/M	Maculopapular rash
Measles		PCR	CA	NPS	22.9.2011	26 Y/F	
Measles		PCR	CA	Throat Swab	20.9.2011	1 Y/M	rash
Measles	Genotype A	Seq	CA	NPA	14.8.2011	1Y/M	Fever, Rash
Measles	Genotype D4	Seq	CA	NPS	29.6.2011	38 Y/F	Rash
Measles	Genotype D4	Seq	CA	Swab	29.6.2011	27 Y/M	
Measles	Genotype D4	Seq	CA	Swab	01.7.2011	13 Y/F	
Measles	Genotype D4	Seq	CA	Throat Swab	08.7.2011	6 M/M	
Measles	Genotype D8	Seq	CA	Swab	24.6.2011	31Y/F	
Measles		PCR	CA	Throat Swab	19.9.2011	25 Y/M	2 week rash and fever

Measles		IgM	CB	Serum	18.9.2011	21 Y/F	
Measles		PCR	CA	NPS	23.9.2011	38 Y/M	
Measles		PCR	CA	Swab	18.9.2011	39 Y/F	
Measles		PCR	CA	Throat Swab	17.9.2011	20 Y/M	
Measles		PCR	CA	Throat Swab	18.9.2011	33 Y/M	
Measles		PCR	CA	Swab	18.9.2011	35 Y/M	Fever, sore throat, rash
Measles		PCR	CA	Swab	18.9.2011	24 Y/M	Rash
Measles		PCR	CA	Throat Swab	20.9.2011	1 Y/M	
Measles		PCR	CA	Nasal swab	18.9.2011	28 Y/M	
Measles		PCR	CA	Throat Swab	17.9.2011	37 Y/F	
Measles		PCR	CA	Throat Swab	18.9.2011	0/F	
Measles		PCR	CA	Throat Swab	18.9.2011	34 Y/F	
Measles		PCR	CA	Throat Swab	19.9.2011	8 M/M	
Measles		PCR	CA	Swab	19.9.2011	21 Y/M	
Measles		PCR	CA	Throat Swab	19.9.2011	38 Y/F	Conjunctivitis, cough, koplik spots, rash on face and chest
Measles		PCR	CA	Throat Swab	19.9.2011	36 Y/F	Maculopapular rash

CA: Central Auckland

CB: Canterbury

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.

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_report.php.

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

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