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VIROLOGY WEEKLY REPORT

2011/40 12 October 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 03/10/2011 - 09/10/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	6	4	3		13
Influenza A H1N1 swl	4			3	7
Influenza A H3N2	7		7	9	23
Influenza B	1		5	8	14
Metapneumovirus	13			2	15
Mycoplasma Pneumoniae				1	1
Parainfluenza 2				1	1
Parainfluenza 3	6	2			8
Parvovirus				5	5
Respiratory Syncytial Virus (RSV)	12	5	6	2	25
Rhinovirus	4	3		8	15
Rotavirus	9	6	11	9	35
Varicella Zoster Virus (VZV)	3	6	2	5	16
Adenovirus	5	2			7
Enterovirus	4		1	1	6
Measles	24	1		2	27

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 1	Neut	CA	NPA	30.9.2011	4 M/M	Bronchiolitis
Enterovirus	Coxsackievirus Group B type 5	IF	CA	Throat Swab	28.9.2011	5 M/M	Red tonsils, fever
Enterovirus	Coxsackievirus Group B type 5	IF	CA	NPA	28.9.2011	1 Y/M	
Measles		IgM, PCR	CA	Serum	02.10.2011	40 Y/M	
Measles		PCR	CA	Swab	02.10.2011	24 Y/M	
Measles		PCR	CA	Swab	30.9.2011	7 Y/M	
Measles		PCR	CA	Swab	30.9.2011	26 Y/F	
Measles		PCR	CA	Swab	30.9.2011	5 M/M	
Measles		IgM	CA	Serum	04.10.2011	3 Y/F	Febrile illness
Measles		IgM	CA	Serum	04.10.2011	2 W/F	
Measles		PCR	CA	Swab	01.10.2011	28 Y/M	
Measles		IgM	CA	Serum	03.10.2011	8 Y/F	Sibling has measles
Measles		IgM	CA	Serum	01.10.2011	3 Y/F	
Measles		IgM	CA	Serum	13.9.2011	5 Y/M	
Measles		IgM	CA	Serum	03.10.2011	42 Y/M	
Measles		PCR	CA	Throat Swab	04.10.2011	9 Y/F	Measles contact
Measles		PCR	WK	NPS, Mouth swab	03.10.2011	2 Y/M	
Measles		IgM	CB	Serum	30.9.2011	26/M	Previously immunised.
Measles		PCR	TG	Nasopharynx	01.10.2011	23/M	
Measles		PCR	CA	Throat Swab	06.10.2011	35 Y/F	
Measles		PCR	CA	Throat Swab	03.10.2011	36 Y/F	
Measles		PCR	CA	Swab	05.10.2011	19 Y/F	
Measles		PCR	CA	Swab	02.10.2011	37 Y/M	Clinically measles,
Measles		PCR	CA	Throat Swab	04.10.2011	1 Y/M	
Measles		PCR	CA	Throat Swab	04.10.2011	1 Y/M	
Measles		PCR	CA	Throat Swab	04.10.2011	35 Y/F	rash 2 days
Measles		PCR	CA	Swab	03.10.2011	23 Y/M	
Measles		PCR	CA	Throat Swab	03.10.2011	37 Y/M	
Measles		PCR	CA	Throat Swab	02.10.2011	21 Y/M	
Measles		PCR	CA	Swab	06.10.2011	15 Y/M	

CA: Central Auckland

CB: Canterbury

TG: Tauranga

WK: Waikato

Neut Neutralisation test
 PCR Polymerase Chain Reaction
 NPS Nasopharyngeal Swab

IF Immunofluorescence test
 NPA Nasopharyngeal Aspirate
 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.

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