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VIROLOGY WEEKLY REPORT

2011/41 25 October 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 10/10/2011 - 16/10/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	5	1	2	2	10
Influenza A H1N1 swl	1				1
Influenza A H3N2	3		7	13	23
Influenza B		1	1	3	5
Metapneumovirus	8	3		6	17
Mycoplasma Pneumoniae		3	1	2	6
Parainfluenza 2				2	2
Parainfluenza 3	3	1			4
Respiratory Syncytial Virus (RSV)	11	4	1	3	19
Rhinovirus	2			12	14
Rotavirus	11	5	4	11	31
Varicella Zoster Virus (VZV)	3	6		8	17
Adenovirus	7	1		4	12
Enterovirus	4	3	2	1	10
Measles	21	2	3	2	28

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
Measles		PCR	TG	Nasopharynx	11.10.2011	1Y/F	
Measles		Serology	CA	Serum	11.10.2011	13Y/M	
Measles		IgM, PCR	OT	Throat swab, serum	12.10.2011	18Y/F	Koplik spots
Measles		IgM	CA	Serum	10.10.2011	25Y/M	
Measles		IgM	BE	Serum	10.10.2011	1Y/F	
Measles		PCR	WK	Throat/nasal	11.10.2011	5 Y/F	
Measles		PCR	WK	Throat swab	4.10.2011	1Y/M	
Measles		PCR	WN	NPS	13.10.2011	23Y/M	Rash, measles like illness, not immunised. No known Auckland contacts.
Measles		PCR	WN	NPS	13.10.2011	1Y/F	Generalised rash, MMR vaccine 27/9/11
Measles		IgM, PCR	CA	Throat Swab, Serum	10.10.2011	11Y/F	Suspected measles
Measles		PCR	CA	Throat Swab	13.10.2011	17Y/M	
Measles		IgM, PCR	CA	Throat Swab, Serum	13.10.2011	6M/M	
Measles		PCR	CA	Throat Swab	12.10.2011	30Y/M	RTI, rash, fever, conjunctivitis
Measles		PCR	CA	Throat Swab	12.10.2011	20Y/M	
Measles		IgM, PCR	CA	Nasal, serum	12.10.2011	31Y/F	
Measles		PCR	CA	Swab	11.10.2011	17Y/M	
Measles		PCR	CA	Swab	11.10.2011	1Y/M	
Measles		IgM	CA	Serum	07.10.2011	35Y/F	
Measles		PCR	CA	Throat Swab	10.10.2011	40Y/M	
Measles		PCR	CA	Swab	13.10.2011	21Y/F	
Measles		IgM, PCR	CA	NPS, Serum	10.10.2011	36Y/M	
Measles		PCR	CA	Swab	10.10.2011	43Y/F	
Measles		PCR	CA	Swab	09.10.2011	28Y/F	
Measles		PCR	CA	Swab	08.10.2011	1Y/M	Morbilliform rash, fever
Measles		PCR	CA	Swab	08.10.2011	19Y/F	
Measles		PCR	CA	Throat Swab	08.10.2011	1Y/M	URTI, measles rash
Measles		PCR	CA	Swab	07.10.2011	13Y/F	
Measles		PCR	CA	NPS	10.10.2011	15Y/F	Fever, rash
Measles	Genotype D4	Seq	CA	Throat Swab	14.09.2011	2Y/M	
Measles	Genotype D4	Seq	CA	Throat Swab	14.09.2011	2Y/M	
Measles	Genotype D4	Seq	CA	Throat Swab	14.09.2011	5M/M	
Measles	Genotype D4	Seq	CA	Throat Swab	17.09.2011	33Y/F	
Measles	Genotype D4	Seq	CA	Throat Swab	18.09.2011	34Y/F	
Measles	Genotype D4	Seq	CA	Throat Swab	19.09.2011	36Y/F	Maculopapular rash

BE: Eastern Bay of Plenty

CA: Central Auckland

OT: Otago

TG: Tauranga

WK: Waikato

WN: Wellington

PCR Polymerase Chain Reaction
IgM Positive IgM ELISA

NPS Nasopharyngeal Swab
Seq PCR sequencing

NOTE: During April to October 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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