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VIROLOGY WEEKLY REPORT

2011/25 01 July 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 20/06/2011 - 26/06/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	1		1	1	3
Influenza A H3N2	1		5	1	7
Influenza B	9	2	6	2	19
Human Metapneumovirus		1		5	5
Mycoplasma pneumoniae			1	1	2
Parainfluenza 2	1				1
Parainfluenza 3	7	1		3	11
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	30	11	2	5	48
Rhinovirus	1			9	10
Rotavirus	1			7	8
Varicella Zoster Virus (VZV)	7	5		9	21
Adenovirus	4		6	1	11
Enterovirus	2		7		9
Measles	7			3	10
Mumps				1	1
Rubella				1	1

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	Seq	SA	NPA	15.5.2011	10 M/F	
Adenovirus	Type 2	Seq	WK	Nasal	14.5.2011	7 M/M	
Adenovirus	Type 2	Seq	SA	NPA	22.5.2011	5 M/M	
Adenovirus	Type 3	Seq	SA	NPA	26.5.2011	2 Y/F	
Adenovirus	Type 3	Seq	WK	Eye	20.5.2011	7 M/M	Conjunctivitis
Adenovirus	Type 3	Seq	SA	NPA	25.5.2011	7 M/M	
Adenovirus	Type 3	Seq	SA	NPA	11.5.2011	12 M/M	
Adenovirus	Type 8	Seq	CB	Eye	18.5.2011	52 Y/M	
Enterovirus	Coxsackievirus Group A type 2	Seq	SA	NPA	09.6.2011	12 M/F	
Enterovirus	Coxsackievirus Group A type 4	Seq	SA	NPA	29.5.2011	8 M/M	
Enterovirus	Coxsackievirus Group B type 2	Seq	WK	Nasal	21.5.2011	8 M/M	
Measles		PCR	CA	Throat Swab	22.6.2011	33 Y/F	
Measles		IgM	CA	Serum	14.6.2011	14 Y/F	
Measles		IgM	CA	Serum	21.6.2011	3 Y/F	
Measles		IgM	CA	Serum	21.6.2011	10 Y/M	
Measles		IgM	CA	Serum	22.6.2011	1 Y/M	Rash
Measles		PCR	CA	Throat Swab	20.6.2011	1 Y/F	
Measles		PCR	HB	Throat, NPS	21.6.2011	21 Y/F	Exposure
Measles		PCR	HB	Throat, NPS	21.6.2011	24 Y/M	Exposure
Measles		PCR	HB	Throat, NPS	21.6.2011	10 Y/F	Exposure
Measles		IgM	CA	Serum	23.6.2011	31 Y/F	
Mumps		IgM	NM	Serum	22.6.2011	22 Y/F	Mumps pancreatitis
Rubella		IgM	CB	Serum	17.6.2011	27 Y/F	Vaccinated Oct 2010

CA: Central Auckland

CB: Canterbury

HB: Hawkes Bay

NM: Nelson-Marlborough

SA: South Auckland

WK: Waikato

PCR Polymerase Chain Reaction

Seq PCR Sequencing

IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate

NPS Nasopharyngeal Swab

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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