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VIROLOGY WEEKLY REPORT

2011/30 09 August 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 25/07/2011 - 31/07/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	6	2	1	1	10
Influenza A H1N1 swl			1	1	2
Influenza A H3N2	7		3	4	14
Influenza B	13	14	23	8	58
Metapneumovirus	4	2		4	10
Mycoplasma Pneumoniae	1			1	2
Parainfluenza 2	1	1			2
Parainfluenza 3	13	5		5	23
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	48	16	6	16	86
Rhinovirus			3	4	7
Rotavirus	1		3	4	9
Varicella Zoster Virus (VZV)	1	4		4	9
Adenovirus	6	1	2	1	10
Enterovirus	4		5	1	11
Measles	15	9			24
Mumps				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 3	Seq	CB	Pernasal	08.7.2011	24 Y/M	
Adenovirus	Type 3	Seq	SA	NPA	06.7.2011	8 M/F	
Adenovirus	Type 4	Seq	WK	Eye	04.7.2011	19 Y/M	
Adenovirus	Type 4	Seq	CB	Eye	22.6.2011	35 Y/-	
Adenovirus	Type 8	Neut	CA	Eye Swab	20.6.2011	1 Y/M	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 16	Seq	WN	CSF	04.7.2011	1 M/M	
Enterovirus	Coxsackievirus Group A type 16	Seq	WN	Swab	09.7.2011	10 Y/F	
Enterovirus	Coxsackievirus Group B type 2	Seq	SA	NPA	10.7.2011	7 M/F	
Enterovirus	Echovirus type 9	Seq	CB	Throat, faeces	17.6.2011	1 M/M	
Measles		PCR	CA	Throat Swab	23.7.2011	12 Y/F	
Measles		IgM	CA	Serum	26.7.2011	58 Y/F	Morbilliform rash
Measles		IgM	CA	Serum	24.7.2011	15 Y/M	
Measles		PCR	CA	Throat Swab	23.7.2011	9 Y/F	Rash, fever
Measles		PCR	CA	Throat Swab	23.7.2011	1 Y/M	
Measles		PCR	CA	Throat Swab	23.7.2011	7 Y/F	
Measles		PCR	CA	Throat Swab	23.7.2011	4 Y/F	
Measles		PCR	CA	Throat Swab	23.7.2011	9 Y/M	
Measles		PCR	CA	Throat Swab	22.7.2011	19 Y/M	Rash
Measles		IgM	CA	Serum	22.7.2011	9 Y/F	
Measles		IgM, PCR	WK	Nasal swab, serum	28.7.2011	15 Y/M	
Measles		IgM, PCR	WK	Throat swab, NPA, serum,	27.7.2011	13 Y/M	
Measles		IgM, PCR	WK	NPS, serum	27.7.2011	16 Y/F	
Measles		IgM, PCR	WK	NPS, serum	27.7.2011	13 Y/F	
Measles		PCR	CA	Throat Swab	25.7.2011	15 Y/M	
Measles		IgM	WK	Serum	29.7.2011	13 Y/F	
Measles		PCR	CA	Throat Swab	25.7.2011	16 Y/M	
Measles		IgM, PCR	WK	Throat swab, serum	29.7.2011	14 Y/F	
Measles		IgM	TP	Serum	30.7.2011	17 Y/F	
Measles		IgM, PCR	WK	NPS, serum	28.7.2011	15 Y/F	
Measles		PCR	CA	Throat Swab	28.7.2011	35 Y/F	
Measles		PCR	CA	Throat Swab	25.7.2011	18 Y/M	
Measles		PCR	CA	Throat Swab	25.7.2011	15 Y/F	
Measles		IgM	WK	Serum	29.7.2011	13 Y/F	
Mumps		IgM	NM	Serum	21.7.2011	16 Y/M	

CA: Central Auckland

CB: Canterbury

NM: Nelson-Marlborough

SA: South Auckland

TP: Taupo

WK: Waikato WN: Wellington

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Neut	Neutralisation test	PCR	Polymerase Chain Reaction
NPA	Nasopharyngeal Aspirate	NPS	Nasopharyngeal Swab
IgM	Positive IgM ELISA	CSF	Cerebrospinal Fluid
Seq	PCR sequencing		

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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