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VIROLOGY WEEKLY REPORT

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A summary of laboratory-diagnosed viral infections of interest for the week of 19/12/2011 - 25/12/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Metapneumovirus	1				1
Mycoplasma Pneumoniae		1		1	2
Parainfluenza 3	1	1			2
Respiratory Syncytial Virus (RSV)	1	1		2	4
Rhinovirus	1	1		5	7
Rotavirus	2	6		7	15
Varicella Zoster Virus (VZV)		5		5	10
Adenovirus	4	1	2		7
Enterovirus	7	2		3	12
Measles	6	1		1	8

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	21.11.2011	11 M/F	Conjunctivitis, LRTI
Adenovirus	Type 2	Seq	SA	NPA	23.11.2011	9 M/M	
Adenovirus	Type 3	Seq	WK	Eye	18.11.2011	42 Y/M	Sore throat, conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	15.11.2011	30 Y/F	Conjunctivitis
Adenovirus	Type 5	Seq	WK	Nasal	07.11.2011	3 M/F	Bronchiolitis
Adenovirus	Type 8	Seq	WN	Eye	24.11.2011	35 Y/M	
Adenovirus	Type 8	Neut	CA	Eye	2.12.2011	16 Y/M	
Influenza A	A/California/7/2009 - like virus isolated	HAI	SA	NPS	18.11.2011	23 Y/F	
Measles		IgM	CA	Serum	17.12.2011	32 Y/F	Rash
Measles		IgM	CA	Serum	19.12.2011	1 Y/F	
Measles		PCR	CA	Throat Swab	20.12.2011	1 Y/M	
Measles		PCR	CA	Swab	23.12.2011	9 Y/M	Measles contact
Measles		PCR	CA	Swab	23.12.2011	10 Y/M	febrile, Rash
Measles		IgM	CB	Serum	22.12.2011	28M/M	Rash and febrile, conjunctivitis, no Koplik spots
Measles		IgM	WK	Serum	20.12.2011	8M/M	
Measles		IgM	CA	Serum	17.12.2011	9 Y/F	
Measles	Genotype D4	Seq	WK	Nasal	24.11.2011	20 Y/F	
Measles	Genotype D4	Seq	WK	NPA	07.11.2011	5 M/M	
Measles	Genotype D4	Seq	WK	Urine	06.11.2011	3 Y/M	
Measles	Genotype D4	Seq	WK	NPS	03.10.2011	2 Y/M	
Measles	Genotype D4	Seq	WK	NPS	08.11.2011	35 Y/F	
Measles	Genotype D4	Seq	WK	Nasal	04.11.2011	4 Y/M	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test
 NPA Nasopharyngeal Aspirate
 IgM Positive IgM ELISA
 Seq PCR sequencing

PCR Polymerase Chain Reaction
 NPS Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test

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

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