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VIROLOGY WEEKLY REPORT

2011/4 02 February 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 24/01/2011 - 30/01/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory					TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	
Influenza A H3N2					1	1
Mycoplasma Pneumoniae					1	1
Parainfluenza 3	3					3
Rhinovirus	1				3	4
Rotavirus				1	3	4
Varicella Zoster Virus (VZV)	8	4		1	2	15
Adenovirus	4	2	5			11
Enterovirus	3		2	1	2	8
Measles	3			1		4
Mumps	1			1		2

This week, Middlemore hospital reported 1 Parainfluenza 2, and 1 Respiratory Syncytial Virus infection.

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	CA	NPA	15.11.2010	22 M/M	
Adenovirus	Type 1	Seq	WK	Eye	10.12.2010	14 M/M	
Adenovirus	Type 1	Seq	SA	NPA	03.1.2011	10 M/M	
Adenovirus	Type 2	Seq	SA	NPA	29.12.2010	6 M/F	
Adenovirus	Type 3	Seq	WK	Eye	13.12.2010	33 Y/F	
Adenovirus	Type 3	Seq	SA	NPA	30.12.2010	10 M/F	
Adenovirus	Type 4	Seq	CB	Eye	18.12.2010	36 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	21.12.2010	44 Y/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	CB	CSF, Faeces	15.12.2010	1 M/F	
Enterovirus	Echovirus type 15	Neut	CA	Faeces	14.12.2010	1 W/M	
Enterovirus	Enterovirus type 71	Seq	CA	Rectal swab	11.1.2011	7 M/M	Acute Flaccid Paralysis
Measles		IgM, PCR	WN	Serum, Throat swab	26.1.2011	20Y/F	contact with confirmed case of measles, now unwell, unimmunised
Measles		PCR	CA	Throat Swab	25.1.2011	5 Y/M	Exposed to measles in flight
Measles		PCR	CA	Throat Swab	25.1.2011	12 Y/M	Fever, Rash
Measles		PCR	CA	Throat Swab	26.1.2011	5 M/F	Contact of confirmed measles
Mumps		IgM	WN	Serum	20.1.2011	6Y/F	Swelling of parotid glands,has had MMR however clinically active mumps ? acute infection, 10 days since start gland swelling
Mumps		IgM	CA	Serum	25.1.2011	32 Y/F	Fever

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test
 PCR Polymerase Chain Reaction
 IgM Positive IgM ELISA

Seq PCR Sequencing
 NPA Nasopharyngeal Aspirate
 CSF Cerebrospinal Fluid

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

Edited by: Wendy Gunn and Judy Bocacao, Virology, Communicable Disease Group