

VIROLOGY WEEKLY REPORT

2015/19 19 May 2015

A summary of laboratory-diagnosed viral infections of interest for the week of 04/05/2015 - 10/05/2015

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions Reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A			1		1
Influenza A H3N2				1	1
Influenza B	2		2	1	5
Bocavirus				2	2
Metapneumovirus	2			1	3
Mycoplasma pneumoniae		4	1	2	7
Parainfluenza 1		1			1
Parainfluenza 2	3			1	4
Parainfluenza 3	2				2
Parechovirus				1	1
Picornavirus	19				19
Respiratory Syncytial Virus (RSV)	8	10	1	16	35
Rhinovirus	17		2	14	33
Varicella Zoster Virus (VZV)	7	8	9	10	34
Adenovirus	7	1		6	14
Enterovirus	4	1	11		16
Measles	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 42*	Seq	WK	Eye	09.4.2015	23Y/F	Red eye
Enterovirus	Coxsackievirus Group A type 6	Seq	CB	Tongue	31.3.2015	1Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	NM	Buttock	25.3.2015	1Y/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	NM	NPS	19.3.2015	1Y/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	NPA, CSF	31.3.2015	2M/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	Lesion	22.3.2015	27Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	Eye	17.3.2015	2Y/M	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	CSF	25.3.2015	27D/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	SA	CSF	28.3.2015	3M/M	
Enterovirus	Echovirus type 3	Seq	SA	NPA	11.3.2015	1Y/F	
Measles		PCR	CA	NPS	06.5.2015	20Y/F	

* This is the first time that Adenovirus Type 42 had been identified in New Zealand. This patient did not have any overseas travel history and have no other symptoms aside from red eye. No known transmission among close contact. The first time this virus was isolated was in 1982 in Paris from a 14 months old healthy child. There are very limited publications about this new adenovirus serotype.

KEY:

CA Central Auckland CB Canterbury NM Nelson-Marlborough SA South Auckland WK Waikato
PCR Polymerase Chain Reaction NPA Nasopharyngeal Aspirate NPS Nasopharyngeal Swab CSF Cerebrospinal Fluid Seq PCR sequencing

NOTE: During April to September 2015, 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, Middlemore hospital and ESR.

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