

VIROLOGY WEEKLY REPORT

ISSN: 1680 (Print)
ISSN: 1179-903 (Online)

2017/4 17 February 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 23/01/2017 - 29/01/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	5				1			6
Influenza A H1N1 pdm09	1							1
Influenza A H3N2	1	1	1	1		1	1	6
Influenza B				1	1			2
Bocavirus						2		2
Metapneumovirus (HMPV)			1					1
Mycoplasma pneumoniae						1		1
Norovirus				5		5		10
Parainfluenza type 3	3					1		4
Parvovirus						1		1
Picornavirus		5					2	7
Respiratory Syncytial Virus (RSV)		1			1			2
Rhinovirus	4			2		8		14
Rotavirus					1			1
Sapovirus						2		2
Varicella Zoster Virus (VZV)	14	4	8		6	9	7	48
Adenovirus	5	2						7
Enterovirus				7	4	3	1	15
Measles	1							1
Mumps	3					1		4

TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type / Subtype	ID Method	DHB	Specimen Type/ Site	Date Specimen Taken	Age / Sex	Clinical Data
Adenovirus	Type 4	Seq	Lakes	Eye	16/12/2016	36/F	generalised red eye, mild blurry
Enterovirus	Echovirus type 6	Seq	Counties Manukau	CSF	13/12/2016	45/M	
Enterovirus	Echovirus type 6	Seq	Counties Manukau	CSF	31/12/2016	28/F	
Enterovirus	Echovirus type 6	Seq	Capital and Coast	CSF	16/12/2016	9/F	Febrile, headache, photophobia
Enterovirus	Coxsackievirus Group A type 9	Seq	Counties Manukau	NPA	13/12/2016	1/F	
Enterovirus	Coxsackievirus Group A type 9	Seq	Southern	CSF	09/12/2016	13/F	Headache
Enterovirus	Echovirus type 9	Seq	Southern	CSF	14/12/2016	41/M	
Enterovirus	Echovirus type 33	Seq	Counties Manukau	CSF	17/12/2016	13D/F	
Enterovirus	Echovirus type 33	Seq	Counties Manukau	NPA	06/10/2016	11/F	
Enterovirus	Coxsackievirus Group B type 5	Seq	Southern	CSF	14/12/2016	37/F	
Enterovirus	Enterovirus type 71	Seq	Canterbury	Foot swab	12/12/2016	35/M	
Measles		PCR	Auckland	Throat	26/01/2017	6/M	Traveller from Singapore, fever, rash
Mumps		IgM	Auckland	Serum	25/01/2017	4/M	Bilateral neck swelling
Mumps		IgM	Canterbury	Serum	20/01/2017	21/M	
Mumps		PCR	Counties Manukau	Buccal swab	21/01/2017	15/M	Bilateral parotid swelling
Mumps		IgM	Counties Manukau	Serum	23/01/2017	19/M	Bilateral parotid swelling

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 PCR Polymerase Chain reaction

CSF Cerebrospinal Fluid
 Seq PCR sequencing

Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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