

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 10/10/2016 - 16/10/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A				3	4	3	1		11
Influenza A H3N2		6	5		2		4		17
Influenza B	1	4	1	1	10	2	3		22
Astrovirus							1		1
Bocavirus							2		2
Coronavirus							3		3
Metapneumovirus (HMPV)	5	10	5		4				24
Mycoplasma pneumoniae							1		1
Norovirus					15		10		25
Parainfluenza type 2	1				1				2
Parainfluenza type 3	5	2			4		4	1	16
Picornavirus		9						4	13
Respiratory Syncytial Virus (RSV)	1	2	3	1	3	1			11
Rhinovirus	17				9	1	8		35
Rotavirus						3			3
Varicella Zoster Virus (VZV)	12		8			5		5	30
Adenovirus	8	2			5		5	4	24
Enterovirus	9	2	3		7	1	2	1	25
Measles							1		1
Mumps	2		2						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 2	Seq	Counties Manukau	NPA	01/09/2016	3M/M	
Adenovirus	Type 2	Seq	Counties Manukau	NPA	14/09/2016	1Y/M	
Adenovirus	Type 3	Seq	Bay of Plenty	Eye	23/09/2016	35Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	Canterbury	NPS	18/09/2016	10Y/M	Fever, sore Throat
Adenovirus	Type 5	Seq	Counties Manukau	NPA	15/08/2016	1Y/M	
Adenovirus	Type 7	Seq	Southern	NPS	23/09/2016	20Y/F	
Adenovirus	Type 7	Seq	Southern	Nasal swab	19/09/2016	45Y/F	
Adenovirus	Type 35	Seq	Counties Manukau	Urine	05/09/2016	17Y/F	
Adenovirus	Type 48	Seq	Counties Manukau	Rectal	22/09/2016	19Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Bay of Plenty	Skin Swab	24/08/2016	2Y/M	Papular, vesicular rash legs/hands
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Nasal Swab	12/09/2016	1Y/M	Extensive rash
Enterovirus	Coxsackievirus Group B type 3	Seq	Counties Manukau	NPA	29/08/2016	7M/F	
Enterovirus	Echovirus type 6	Seq	Counties Manukau	CSF	19/09/2016	17Y/M	
Enterovirus	Echovirus type 6	Seq	Waikato	CSF	18/09/2016	30Y/F	?meningitis
Enterovirus	Echovirus type 9	Seq	Counties Manukau	CSF	18/09/2016	18Y/M	
Enterovirus	Echovirus type 33	Seq	Hawke's Bay	Throat	15/09/2016	24Y/F	
Measles		IgM	Southern	Serum	11/10/2016	16Y/F	
Mumps		IgM	Counties Manukau	Serum	12/10/2016	21Y/F	
Mumps		IgM	Auckland	Serum	04/10/2016	21Y/F	
Mumps		IgM	Waikato	Serum	04/10/2016	54Y/F	Flu-like symptoms, mumps contact
Mumps		IgM	Waikato	Serum	06/10/2016	59Y/M	Cheek swelling, pain, parotitis

NPA Nasopharyngeal Aspirate CSF Cerebrospinal Fluid
 NPS Nasopharyngeal Swab Seq PCR sequencing
 IgM ELISA IgM

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

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