

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 13/06/2016 - 19/06/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	2				6		3		11
Influenza A H1N1 pdm09		2							2
Influenza A H3N2		1					23		24
Influenza B				1			1		2
Coronavirus							11		11
Metapneumovirus (HMPV)	3	2	1		2				8
Mycoplasma pneumoniae							2		2
Parainfluenza 1	6	1			5		2		14
Parainfluenza 2					1				1
Parainfluenza 3					1				1
Parainfluenza 4							10		10
Picornavirus								5	5
Respiratory Syncytial Virus (RSV)	6	23	26	4	22	3	5	1	90
Rhinovirus	18	29			29	3	60		139
Rotavirus	2					1			3
Sapovirus							1		1
Varicella Zoster Virus (VZV)	13		6			8	9	6	42
Adenovirus	11	3			7		1		22
Enterovirus	3	2	1		8	2		1	17
Measles			4				1		5

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 1	Seq	Bay of Plenty	NPA	11/05/2016	8M/M	
Adenovirus	Type 1	Seq	Counties Manukau	Throat	29/04/2016	20Y/M	
Adenovirus	Type 2	Seq	Counties Manukau	NPA	29/04/2016	6M/F	
Adenovirus	Type 22	Seq	Counties Manukau	Eye	07/05/2016	44Y/M	
Adenovirus	Type 22	Seq	Waikato	Eye	06/05/2016	85Y/F	
Adenovirus	Type 22	Seq	Waikato	Eye	09/05/2016	90Y/F	Conjunctivitis
Adenovirus	Type 35	Seq	Counties Manukau	Urethra	30/04/2016	24Y/M	
Enterovirus	Coxsackievirus Group B type 3	Seq	Counties Manukau	CSF	18/04/2016	1M/F	
Measles		IgM	MidCentral	Serum	09/06/2016	1Y/M	
Measles		IgM	Waikato	Serum	14/06/2016	1Y/F	
Measles		IgM	Waikato	Serum	14/06/2016	2Y/M	Rash, cough & colds
Measles		IgM	Waikato	Serum	14/06/2016	4Y/F	Rash, cough & colds
Measles		IgM	Waikato	Serum	17/06/2016	1Y/M	

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

CSF Cerebrospinal Fluid
Seq PCR sequencing

NOTE: During April to September 2016, 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 LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, Tauranga and Dunedin Hospital and ESR

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