

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 01/08/2016 - 07/08/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	9			2	6	3	1		21
Influenza A H1N1 pdm09		1			2		10	1	14
Influenza A H3N2		2	3		1		85	14	105
Influenza B	1					1	2		4
Astrovirus							8		8
Bocavirus							11		11
Coronavirus							14		14
Metapneumovirus (HMPV)	6	9	10		9				34
Mycoplasma pneumoniae							1		1
Norovirus			1		6		25		32
Parainfluenza 1	1	1			3		2		7
Parainfluenza 2								1	1
Parainfluenza 3	1	3			3		2		9
Parainfluenza 4							3		3
Picornavirus		21						2	23
Respiratory Syncytial Virus (RSV)	9	8	17	8	39	13		6	100
Rhinovirus	8				20		25		53
Sapovirus							8		8
Varicella Zoster Virus (VZV)	19		5			8		5	37
Adenovirus	1	1	2		6		3		12
Enterovirus		2	1		5	1	2	1	12
Measles						2			2
Mumps							1		1

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
Enterovirus	Coxsackievirus Group A type 6	Seq	South Canterbury	NPS	06/07/2016	24Y/M	Flu-like illness, gastroenteritis, headache
Enterovirus	Echovirus type 12	PCR	Counties Manukau	NPS	07/07/2016	2Y/M	
Enterovirus	Enterovirus type 68	Seq	Southern	Bronchial washings	14/07/2016	32Y/M	Cavitating pulmonary lesions
Measles		PCR	Capital and Coast	Swab	01/08/2016	15Y/M	Contact with measles case. Recent trip to Bali
Measles		PCR	Capital and Coast	Swab	04/08/2016	46Y/M	Contact with measles case – fever + rash
Mumps		IgM	Southern	Serum	28/07/2016	54Y/M	

IgM IgM ELISA
 Seq PCR sequencing
 PCR Polymerase chain reaction

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's Clinical Virology and Enteric Viruses Laboratory.

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