

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 11/07/2016 - 17/07/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	5			2	4	5	2		18
Influenza A H1N1 pdm09	22	7	1			2	1		33
Influenza A H3N2	13	1	1			1	71	1	88
Influenza B					1				1
Astrovirus							5		5
Bocavirus							10		10
Coronavirus							13		13
Metapneumovirus (HMPV)	4	5	2		6		1		18
Mycoplasma pneumoniae			1						1
Norovirus			1		21		37		59
Parainfluenza 1	3				5	1	16	1	26
Parainfluenza 3	1				1		2		4
Parainfluenza 4							2		2
Picornavirus		33						5	38
Respiratory Syncytial Virus (RSV)	24	40	25	16	36	19	25	3	188
Rhinovirus	21				16	3	28		68
Sapovirus							8		8
Varicella Zoster Virus (VZV)	16	1	5			5	9	2	38
Adenovirus	3	3			6	1	3	1	17
Enterovirus			2			1			3

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	Counties Manukau	Eye	30/05/2016	5M/M	
Adenovirus	Type 1	Seq	Counties Manukau	Eye	28/06/2016	6M/M	
Adenovirus	Type 1	Seq	Counties Manukau	NPA	09/06/2016	11M/M	
Adenovirus	Type 2	Seq	Counties Manukau	Eye	30/06/2016	5M/M	
Adenovirus	Type 7	PCR	Canterbury	Faeces	16/06/2016	25Y/F	
Adenovirus	Type 34	Seq	Counties Manukau	Urine	05/06/2016	14Y/F	

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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