

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 24/09/2018 - 30/09/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	10		11	31	16	9		77
Influenza A H1N1 pdm09	6	10		3		45	2	66
Influenza A H3N2		4						4
Influenza B		2	1	5	1	5		14
Astrovirus						1		1
Bocavirus						13		13
Coronavirus			1					1
Metapneumovirus (HMPV)	9	11		7		17	1	45
Mycoplasma pneumoniae			1			3		4
Norovirus						7		7
Parainfluenza 1	1	2		1		1		5
Parainfluenza 2				1				1
Parainfluenza 3	4	9		6	1	13	1	34
Parainfluenza 4						4		4
Parechovirus						1		1
Picornavirus		43					5	48
Respiratory Syncytial Virus (RSV)	11		2	3	1	4	1	22
Rhinovirus	27		4	21	1	34		87
Rotavirus	2							2
Sapovirus						2		2
Varicella Zoster Virus (VZV)	31		4		18	3	7	63
Adenovirus	12	6	5	9		16	1	49
Enterovirus	2	3		1		5	5	16

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	Canterbury	Eye swab	05/09/2018	25/F	
Adenovirus	Type 4	Seq	Canterbury	Eye Swab	04/09/2018	6/M	Conjunctivitis
Adenovirus	Type 4	Seq	Canterbury	Swab	06/09/2018	22/F	
Adenovirus	Type 4	Seq	MidCentral	Eye Swab	17/08/2018	20/F	Red Eye
Adenovirus	Type 4	Seq	Southern	Nasal Swab	05/09/2018	51/F	
Adenovirus	Type 4	Seq	Southern	Nasal Swab	13/09/2018	53/M	
Adenovirus	Type 4	Seq	Southern	Sputum	10/08/2018	79/M	
Adenovirus	Type 4	Seq	Tairawhiti	Eye Swab	05/09/2018	28/F	
Adenovirus	Type 4	Seq	Tairawhiti	Eye Swab	10/09/2018	4/M	
Adenovirus	Type 4	Seq	Taranaki	NPS	01/09/2018	27/F	

Seq PCR & Sequencing

NPS Nasopharyngeal Swab

NOTE: During April to September 2018, 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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