

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 17/07/2017 - 23/07/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	40		41	44		54			179
Influenza A H1N1 pdm09		4			3		3		10
Influenza A H3N2	3	24			12		57	7	103
Influenza B	24	17	11	20	12	12	17	2	115
Astrovirus							1		1
Bocavirus							2		2
Metapneumovirus	1		5		2		10	5	23
Mycoplasma pneumoniae			1				2	1	4
Norovirus					11		10		21
Parainfluenza 1	1						1		2
Parainfluenza 2	1	2			3		1	1	8
Parainfluenza 3	6	5			5	1	9		26
Parainfluenza 4							3		3
Picornavirus		25						6	31
Respiratory Syncytial Virus (RSV)	29	25	37	21	17	23	33	4	189
Rhinovirus	9				14		20		43
Rotavirus	1								1
Sapovirus							10		10
Varicella Zoster Virus (VZV)	18		7			12	13	7	57
Adenovirus	5	2			2		2	1	12
Enterovirus	2				6	1	4		13
Mumps	13						1		14

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 3	Seq	Canterbury	Nose	01/07/2017	5/M	
Adenovirus	Type 4	Seq	Southern	Eye	03/07/2017	42/F	
Adenovirus	Type 19	Seq	Canterbury	Eye	14/06/2017	21/F	
Enterovirus	Coxsackievirus Group A type 16	Seq	Southern	Throat Swab	12/06/2017	2/F	Ulcers
Enterovirus	Coxsackievirus Group B type 4	Seq	Southern	CSF	10/06/2017	1/F	Febrile
Enterovirus	Enterovirus type 68	PCR	Canterbury		18/06/2017	67/M	
Enterovirus	Enterovirus type 68	Seq	Canterbury	NPS	25/06/2017	65/F	
Enterovirus	Enterovirus type 68	Seq	Canterbury	Swab	29/06/2017	37/M	
Mumps		PCR	Auckland	Swab	19/07/2017	25/F	Fever, Parotid Swelling
Mumps		PCR	Auckland	Throat swab	17/07/2017	26/M	Parotid swelling
Mumps		PCR	Capital and Coast	Throat swab	14/07/2017	6/F	
Mumps		PCR	Counties Manukau	Buccal swab	14/07/2017	24/F	Bilateral swelling,
Mumps		PCR	Counties Manukau	Buccal swab	15/07/2017	15/M	Parotid swelling, mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	17/07/2017	11/F	Parotiditis
Mumps		PCR	Counties Manukau	Buccal swab	19/07/2017	22/M	
Mumps		PCR	Counties Manukau	Mouth	14/07/2017	26/F	
Mumps		PCR	Nelson Marlborough	Buccal	30/12/1899	16/F	
Mumps		PCR	Waikato	Mouth	12/07/2017	20/M	
Mumps		PCR	Waikato	Swab	18/07/2017	19/F	Parotid swelling
Mumps		PCR	Waikato	Swab	18/07/2017	21/F	
Mumps		PCR	Waitemata	Buccal swab	14/07/2017	49/F	
Mumps		PCR	Waitemata	Buccal swab	15/07/2017	14/F	

Seq PCR sequencing
CSF Cerebrospinal Fluid

NPS Nasopharyngeal Swab

NOTE: During April to September 2017, 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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