

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 26/06/2017 - 02/07/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	30		21	10	4	27			92
Influenza A H1N1 pdm09		5			6		8	2	21
Influenza A H3N2		61			68		6	2	137
Influenza B	6	12	19	13	36	9	12		107
Astrovirus							1		1
Bocavirus							2		2
Metapneumovirus	2	3	3		2		15	1	26
Mycoplasma pneumoniae							1	1	2
Norovirus					11		11		22
Parainfluenza 1	1	1					1		3
Parainfluenza 2	5	4			2		1		12
Parainfluenza 3	4	7			1		5		17
Parainfluenza 4							1		1
Parvovirus							1		1
Picornavirus		42						5	47
Respiratory Syncytial Virus (RSV)	13	36	8	9	10	5	23	3	107
Rhinovirus	11				6	2	35		54
Rotavirus							1		1
Sapovirus					1		8		9
Varicella Zoster Virus (VZV)	29	1	10			10	9		59
Adenovirus	8	2			8	2	6	1	27
Enterovirus	1	4	1		3	2	3	2	16
Mumps	12		3				1		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 2	PCR	Canterbury	NPS	04/06/2017	11M/M	
Adenovirus	Type 3	Seq	Canterbury	NPS	09/06/2017	8/M	
Adenovirus	Type 3	Seq	Canterbury	NPS	12/06/2017	38/M	
Adenovirus	Type 7	Seq	Southern	NPS	22/05/2017	36/M	Fever, red eye, tonsillitis
Adenovirus	Type 8	Seq	Waikato	Eye	01/06/2017	62/M	Conjunctivitis
Enterovirus	Coxsackievirus Group A type 6	PCR	Counties Manukau	Skin	15/06/2017	10M/M	
Enterovirus	Coxsackievirus Group A type 10	PCR	Counties Manukau	Throat	15/06/2017	1/M	
Enterovirus	Enterovirus type 68	Seq	Counties Manukau	NPA	14/06/2017	9/F	
Enterovirus	Enterovirus type 68	PCR	Canterbury		18/06/2017	84/M	
Enterovirus	Enterovirus type 68	Seq	Canterbury	Nasal Swab	13/06/2017	44/M	Asthma
Enterovirus	Coxsackievirus Group B type 3	PCR	Whanganui	NPS	02/06/2017	2/F	
Mumps		PCR	Auckland	Throat	28/06/2017	25/F	Bilateral parotitis
Mumps		IgM	Canterbury	Serum	28/06/2017	??	
Mumps		PCR	Counties Manukau	Buccal swab	23/06/2017	10/F	Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	25/06/2017	10/F	Bilateral parotitis
Mumps		PCR	Counties Manukau	Swab	26/06/2017	11/M	Swollen parotid glands
Mumps		PCR	Counties Manukau	Swab	28/06/2017	25/M	Right parotitis
Mumps		PCR	Waikato	Swab	22/06/2017	15/M	
Mumps		IgM	Waikato	Serum	21/06/2017	19/M	Swollen parotid glands
Mumps		IgM	Waikato	Serum	25/06/2017	15/F	
Mumps		IgM	Waikato	Serum	22/06/2017	20/M	Bilateral parotitis
Mumps		PCR	Waitemata	Buccal swab	23/06/2017	9/F	
Mumps		PCR	Waitemata	Buccal swab	24/06/2017	17/F	Neck pain
Mumps		PCR	Waitemata	Buccal swab	27/06/2017	14/M	Mumps contact
Mumps		PCR	Waitemata	Swab	26/06/2017	19/F	Right parotitis
Mumps		PCR	Waitemata	Swab	26/06/2017	3/M	Parotid swelling
Mumps		PCR	Waitemata	Swab	27/06/2017	17/F	Bilateral parotitis

NPA Nasopharyngeal Aspirate  
 IgM IgM ELISA  
 Seq PCR sequencing

NPS Nasopharyngeal Swab  
 PCR Polymerase Chain Reaction

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](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](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.

Edited by: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: [judy.bocacao@esr.cri.nz](mailto:judy.bocacao@esr.cri.nz)