

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 08/05/2017 - 14/05/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1			2		10			13
Influenza A H1N1 pdm09							2		2
Influenza A H3N2		9			4				13
Influenza B	1	2			5	8	2		18
Bocavirus							1		1
Metapneumovirus (HMPV)		2						1	3
Mycoplasma pneumoniae			1				3		4
Norovirus					1		5		6
Parainfluenza type 2	2				1				3
Parainfluenza type 3	4						1		5
Parainfluenza type 4							1		1
Parechovirus							1		1
Picornavirus		23						3	26
Respiratory Syncytial Virus (RSV)	1	7	2	3	3	6	5		27
Rhinovirus	11				8	7	18		44
Rotavirus							2		2
Sapovirus					2		6		8
Varicella Zoster Virus (VZV)	25	1	1			10	14	8	59
Adenovirus	6	2	1		1	1	5	1	17
Enterovirus	4		3		6	2	4	1	20
Mumps	16						1		17

**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 9	PCR	Counties Manukau	CSF	08/04/2017	1M/M	
Enterovirus	Coxsackievirus Group A type 10	Seq	Counties Manukau	Throat	15/04/2017	4M/F	
Enterovirus	Coxsackievirus Group A type 16	PCR	Counties Manukau	CSF	17/04/2017	1M/F	
Enterovirus	Coxsackievirus Group A type 16	PCR	Southern	Mouth	20/04/2017	9/F	
Enterovirus	Coxsackievirus Group A type 16	Seq	Southern	Mouth	18/04/2017	1/F	
Enterovirus	Echovirus type 6	Seq	Southern	NPS	14/04/2017	13D/M	Febrile
Enterovirus	Enterovirus type 68	Seq	Canterbury	Nasal	21/04/2017	21/M	Meningitis
Enterovirus	Enterovirus type 68	Seq	Canterbury	Nasal	22/04/2017	64/F	
Enterovirus	Enterovirus type 68	Seq	Canterbury	NPS	21/04/2017	24/F	
Enterovirus	Enterovirus type 68	Seq	Canterbury	VTM	25/04/2017	74/M	
Mumps		PCR	Auckland	Swab	11/05/2017	21/M	Swollen parotid gland
Mumps		PCR	Counties Manukau	Buccal swab	08/05/2017	15/M	Bilateral cervical adenopathy
Mumps		PCR	Counties Manukau	Throat	09/05/2017	13/M	
Mumps		IgM	Counties Manukau	Serum	09/05/2017	35/M	
Mumps		IgM	Counties Manukau	Serum	09/05/2017	41/F	
Mumps		IgM	Nelson Marlborough	Serum	08/05/2017	31/F	
Mumps		IgM	Waikato	Serum	10/05/2017	67/F	
Mumps		PCR	Waitemata	Buccal swab	05/05/2017	20/F	
Mumps		PCR	Waitemata	Buccal swab	08/05/2017	11M/F	Mumps contact
Mumps		PCR	Waitemata	Buccal swab	09/05/2017	14/F	Right Parotid swelling
Mumps		PCR	Waitemata	Buccal swab, serum	06/05/2017	20/F	Fever, body aches
Mumps		PCR	Waitemata	Buccal swab, serum	10/05/2017	3/M	Parotitis, mumps contact
Mumps		PCR	Waitemata	Mouth, throat	06/05/2017	14/M	Swelling over TMJ
Mumps		PCR	Waitemata	Swab	09/05/2017	17/M	Swollen parotid gland and fever
Mumps		PCR	Waitemata	Throat	11/05/2017	19/F	
Mumps		IgM	Waitemata	Serum	04/05/2017	14/M	Swollen parotid gland and fever
Mumps		IgM	Waitemata	Serum	05/05/2017	15/M	

IgM            IgM ELISA  
Seq            PCR sequencing

NPS            Nasopharyngeal Swab  
CSF            Cerebrospinal Fluid

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.

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