

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 07/08/2017 - 13/08/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	21		28	21	38	21	55		184
Influenza A H1N1 pdm09		9			2		9	1	21
Influenza A H3N2		22			27			6	55
Influenza B	10	5	12	18	44	15	25	3	132
Astrovirus							2		2
Bocavirus							4		4
Metapneumovirus (HMPV)	3	5	1		5		6	1	21
Mycoplasma pneumoniae			1				7	1	9
Norovirus					13		17		30
Parainfluenza 1		1							1
Parainfluenza 2		4			3		1		8
Parainfluenza 3	16	8	2		6		8	1	41
Parvovirus							4		4
Picornavirus		36						6	42
Respiratory Syncytial Virus (RSV)	25	30	14	17	23	7	32	5	153
Rhinovirus	19				26	2	15		62
Varicella Zoster Virus (VZV)	14		3			9	9	8	43
Adenovirus	4	7			9		7	4	31
Enterovirus			1		5		6	4	16
Mumps	14						5		19

**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
Mumps		IgM	Auckland	Serum	04/08/2017	26/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	04/08/2017	18/M	Preauricular swelling
Mumps		PCR	Counties Manukau	Buccal swab	05/08/2017	22/M	
Mumps		PCR	Counties Manukau	Mouth	08/08/2017	11/F	Unilateral parotid swelling
Mumps		PCR	Counties Manukau	Swab	05/08/2017	13/M	
Mumps		PCR	Counties Manukau	Swab	05/08/2017	2/M	Jaw swelling
Mumps		PCR	Counties Manukau	Swab	06/08/2017	9/M	
Mumps		PCR	Counties Manukau	Swab	07/08/2017	26/F	
Mumps		IgM	Counties Manukau	Serum	03/08/2017	53/M	Parotitis
Mumps		IgM	Counties Manukau	Serum	09/08/2017	8M/F	
Mumps		PCR	Nelson Marlborough	Saliva	11/08/2017	18/F	
Mumps		IgM, PCR	Southern	Buccal swab	09/08/2017	21/F	
Mumps		PCR	Southern	not stated	09/08/2017	21/F	
Mumps		IgM	Taranaki	Serum	09/08/2017	14/F	
Mumps		PCR	Waikato	Buccal swab	09/08/2017	16/F	Parotitis
Mumps		PCR	Waitemata	Buccal swab	08/08/2017	35/F	Parotid swelling
Mumps		PCR	Waitemata	Swab	05/08/2017	15/M	Neck swelling
Mumps		PCR	Waitemata	Throat	08/08/2017	19/F	Bilateral parotitis, malaise
Mumps		PCR	Whanganui	Buccal swab	07/08/2017	17/F	

IgM IgM ELISA

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.

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