

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 31/07/2017 - 06/08/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	16	1	27	20	27	29	48		168
Influenza A H1N1 pdm09		3					13		16
Influenza A H3N2		27			9		4	3	43
Influenza B	12	14	10	10	46	14	24		130
Bocavirus							7		7
Metapneumovirus (HMPV)	1	2	3		2		13	3	24
Mycoplasma pneumoniae							5		5
Norovirus					15		6		21
Parainfluenza 1					1			1	2
Parainfluenza 2					2		2		4
Parainfluenza 3	7	5	1		8	1	16	3	41
Parainfluenza 4							1		1
Parechovirus							2		2
Parvovirus							1		1
Picornavirus		28							28
Respiratory Syncytial Virus (RSV)	27	29	24	15	32	4	17	2	150
Rhinovirus	12				18	2	13		45
Rotavirus	4						2		6
Sapovirus							6		6
Varicella Zoster Virus (VZV)	19	1	5			17	9	9	60
Adenovirus	3	4			3		7	2	19
Enterovirus		1			4	1	3	2	11
Mumps	21		4				5		30

**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 1	Seq	Southern	Buttocks	23/06/2017	11 M/M	
Adenovirus	Type 8	Seq	Waikato	Conjunctiva	19/06/2017	65/F	Conjunctivitis
Mumps		IgM	Auckland	Serum	28/07/2017	14/M	Parotitis
Mumps		IgM	Auckland	Serum	01/08/2017	24/M	
Mumps		IgM	Auckland	Serum	01/08/2017	8/M	
Mumps		PCR	Auckland	Buccal swab	31/07/2017	21/M	
Mumps		PCR	Auckland	Buccal swab	01/08/2017	18/F	Unilateral parotitis
Mumps		PCR	Auckland	Swab	28/07/2017	25/F	Tenderness and jaw swelling
Mumps		PCR	Auckland	Throat	29/07/2017	18/F	Unilateral neck swelling,
Mumps		IgM	Canterbury	Serum	26/07/2017	39/F	
Mumps		PCR	Capital and Coast	Buccal swab	02/08/2017	18/M	
Mumps		PCR	Counties Manukau	Buccal swab	31/07/2017	43/F	
Mumps		PCR	Counties Manukau	Buccal swab	29/07/2017	16/F	
Mumps		PCR	Counties Manukau	Buccal swab	03/08/2017	9/M	Parotid Swelling
Mumps		PCR	Counties Manukau	Swab	31/07/2017	42/M	Bilateral parotid swelling
Mumps		PCR	Counties Manukau	Swab	03/08/2017	5/F	Parotid swelling
Mumps		PCR	Counties Manukau	Throat	01/08/2017	24/M	
Mumps		IgM	Nelson Marlborough	Serum	30/07/2017	27/F	
Mumps		IgM	Southern	Serum	28/07/2017	20/F	
Mumps		IgM, PCR	Taranaki	Serum, Saliva	28/07/2017	26/F	
Mumps		IgM	Waikato	Serum	28/07/2017	11/M	Sister with mumps, parotitis
Mumps		IgM	Waikato	Serum	28/07/2017	13/F	Sister with mumps, parotitis
Mumps		IgM	Waikato	Serum	28/07/2017	9/M	Siblings with parotitis
Mumps		IgM	Waikato	Serum	02/08/2017	17/F	
Mumps		PCR	Waikato	Buccal swab	26/07/2017	20/F	
Mumps		PCR	Waikato	Swab	31/07/2017	21/F	Lymphadenitis
Mumps		PCR	Waikato	Swab	02/08/2017	22/M	Sister with mumps
Mumps		PCR	Waitemata	Buccal swab	31/07/2017	61/F	
Mumps		PCR	Waitemata	Buccal swab	03/08/2017	15/M	Swollen jaw
Mumps		PCR	Waitemata	Mouth swab	01/08/2017	17/M	
Mumps		PCR	Waitemata	Swab	30/07/2017	14/M	
Mumps		PCR	Waitemata	Swab	03/08/2017	51/F	

PCR Polymerase Chain Reaction

IgM ELISA IgM

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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