

# VIROLOGY WEEKLY REPORT

ISSN: 1680 (Print)  
ISSN: 1179-903 (Online)

2017/38 16 October 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 18/09/2017 - 24/09/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	5		5	1	1	2	24		38
Influenza A H1N1 pdm09		4			2		14	1	21
Influenza A H3N2		5			5			3	13
Influenza B	5	8	1	4	7	6	8		39
Astrovirus							1		1
Bocavirus							3		3
Metapneumovirus (HMPV)	7	5	2		11		10		35
Mycoplasma pneumoniae							1		1
Norovirus							13		13
Parainfluenza 1					1		2	1	4
Parainfluenza 2					2		1		3
Parainfluenza 3	6	16			14		11		47
Parainfluenza 4							3		3
Parvovirus							2		2
Picornavirus		46						6	52
Respiratory Syncytial Virus (RSV)	14	13	6	1	18	7	11	1	71
Rhinovirus	14				20	2	25		61
Rotavirus	3								3
Sapovirus							4		4
Varicella Zoster Virus (VZV)	22	2	10			10	16	10	70
Adenovirus	4	4			1		15	5	29
Enterovirus	5	4			2	3	9	3	26
Mumps	42		1						43

**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		PCR	Auckland	Buccal swab	16/09/2017	24.85/M	
Mumps		PCR	Auckland	Buccal swab	17/09/2017	22.99/M	
Mumps		PCR	Auckland	Buccal swab	18/09/2017	23.03/F	
Mumps		PCR	Auckland	Buccal swab	19/09/2017	18.98/M	
Mumps		PCR	Auckland	Buccal swab	19/09/2017	59.69/F	
Mumps		PCR	Auckland	Buccal swab	20/09/2017	30.13/F	Swollen jawline
Mumps		PCR	Auckland	Swab	16/09/2017	13.85/F	Parotid swelling
Mumps		PCR	Auckland	Swab	18/09/2017	12.56/M	Parotid swelling
Mumps		PCR	Auckland	Swab	18/09/2017	17.73/F	Parotid swelling
Mumps		PCR	Auckland	Swab	20/09/2017	39.28/F	
Mumps		PCR	Auckland	Swab	21/09/2017	30.65/M	Parotid swelling
Mumps		PCR	Auckland	Throat	17/09/2017	23.11/M	
Mumps		IgM	Auckland	Serum	14/09/2017	16.83/F	Mandibular pain
Mumps		PCR	Counties Manukau	Buccal swab	15/09/2017	15.01/M	
Mumps		PCR	Counties Manukau	Buccal swab	18/09/2017	20.62/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	18/09/2017	33.36/F	
Mumps		PCR	Counties Manukau	Buccal swab	19/09/2017	16.91/F	parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	20/09/2017	15.15/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	20/09/2017	15.2/F	
Mumps		PCR	Counties Manukau	Buccal swab	20/09/2017	18.62/M	Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	21/09/2017	29.65/F	Parotid swelling
Mumps		PCR	Counties Manukau	Larynx	20/09/2017	30.17/F	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	15/09/2017	34.78/F	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	18/09/2017	19.71/M	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	19/09/2017	22.21/M	
Mumps		PCR	Counties Manukau	Mouth	20/09/2017	29.65/F	
Mumps		PCR	Counties Manukau	Swab	16/09/2017	27.78/F	
Mumps		PCR	Counties Manukau	Swab	18/09/2017	17.92/F	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	19/09/2017	18.07/M	
Mumps		PCR	Counties Manukau	Swab	19/09/2017	7.08/F	Face swelling
Mumps		PCR	Counties Manukau	Swab	20/09/2017	16.48/M	
Mumps		PCR	Counties Manukau	Throat	18/09/2017	16.09/M	Parotid swelling
Mumps		IgM	Counties Manukau	Serum	18/09/2017	16.8/M	
Mumps		PCR	Northland	Buccal swab	18/09/2017	13.94/M	
Mumps		IgM	Waikato	Serum	19/09/2017	59M/F	
Mumps		PCR	Waikato	Buccal swab	14/09/2017	16.06/M	Parotid swelling
Mumps		PCR	Waikato	Buccal swab	16/09/2017	20.22/M	
Mumps		PCR	Waikato	Mouth	13/09/2017	17.39/F	
Mumps		PCR	Waikato	Mouth	13/09/2017	8.75/F	
Mumps		PCR	Waikato	Mouth	19/09/2017	30.02/F	
Mumps		PCR	Waitemata	Buccal swab	19/09/2017	17.57/M	

Mumps		PCR	Waitemata	Swab	18/09/2017	26.94/F	
Mumps		PCR	Waitemata	Swab	20/09/2017	15.34/M	Painful jaw, Mumps contact

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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