

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 25/09/2017 - 01/10/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	6		4		3	3	10		26
Influenza A H1N1 pdm09	3				4		14		21
Influenza A H3N2	4	2			17				23
Influenza B	7	5		4	37	4	7		64
Bocavirus							4		4
Metapneumovirus (HMPV)	11	21	3		15		5		55
Mycoplasma pneumoniae							1		1
Norovirus					37		14		51
Parainfluenza 1		1			2				3
Parainfluenza 2		1							1
Parainfluenza 3	12	12			17	1	10	6	58
Parainfluenza 4							1		1
Parvovirus							4		4
Picornavirus		54						2	56
Respiratory Syncytial Virus (RSV)	7	20	1	2	46	5	7	1	89
Rhinovirus	23				35	2	26		86
Rotavirus	2								2
Varicella Zoster Virus (VZV)	26		5			7	11	10	59
Adenovirus	9	9			6	1	18	3	45
Enterovirus	5	5	3		10	1	15	3	42
Mumps	39						1		40

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	Seq	Counties Manukau	Nasal, CSF	31/08/2017	15/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Chin	31/08/2017	2 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Face	01/09/2017	6 M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Hand	01/09/2017	9 M/M	
Mumps		PCR	Auckland	Buccal swab	26/09/2017	18/F	Mumps contact
Mumps		PCR	Auckland	Buccal swab	26/09/2017	20/F	Pregnant, parotid swelling
Mumps		PCR	Auckland	Buccal swab	26/09/2017	60/F	
Mumps		PCR	Auckland	Buccal swab	27/09/2017	11/M	
Mumps		PCR	Auckland	Buccal swab	27/09/2017	24/M	Parotid swelling,
Mumps		PCR	Auckland	Buccal swab	27/09/2017	27/F	
Mumps		PCR	Auckland	Buccal/Saliva	27/09/2017	22/M	
Mumps		PCR	Auckland	Mouth	22/09/2017	26/M	
Mumps		PCR	Auckland	Nasal swab	22/09/2017	60/F	
Mumps		PCR	Auckland	Throat	21/09/2017	15/M	Mumps exposure
Mumps		PCR	Auckland	Throat	26/09/2017	29/F	Mumps contact
Mumps		IgM	Counties Manukau	Serum	27/09/2017	21/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	22/09/2017	17/F	
Mumps		PCR	Counties Manukau	Buccal swab	25/09/2017	13/F	
Mumps		PCR	Counties Manukau	Buccal swab	25/09/2017	15/F	
Mumps		PCR	Counties Manukau	Buccal swab	26/09/2017	22/M	
Mumps		PCR	Counties Manukau	Buccal swab	26/09/2017	26/F	Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	26/09/2017	50/M	Swelling L submandibular area
Mumps		PCR	Counties Manukau	Buccal swab	27/09/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	27/09/2017	23/F	Swollen mandible
Mumps		PCR	Counties Manukau	Buccal swab	27/09/2017	27/M	
Mumps		PCR	Counties Manukau	Mouth	26/09/2017	19/F	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	21/09/2017	25/F	Unilateral parotid swelling
Mumps		PCR	Counties Manukau	Swab	25/09/2017	19/F	Neck swelling
Mumps		PCR	Counties Manukau	Swab	25/09/2017	20/M	
Mumps		PCR	Counties Manukau	Swab	25/09/2017	23/M	Parotid swelling
Mumps		PCR	Hawke's Bay	Buccal swab	26/09/2017	15/F	
Mumps		PCR	Waikato	Mouth	22/09/2017	17/F	
Mumps		PCR	Waitemata	Buccal swab	22/09/2017	24/F	
Mumps		PCR	Waitemata	Buccal swab	23/09/2017	20/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	23/09/2017	22/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	25/09/2017	15/M	

Mumps		PCR	Waitemata	Buccal swab	25/09/2017	16/M	
Mumps		PCR	Waitemata	Buccal swab	26/09/2017	16/M	Mumps contact, Neck swelling
Mumps		PCR	Waitemata	Buccal swab	26/09/2017	16/M	
Mumps		PCR	Waitemata	Buccal swab	27/09/2017	21/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	28/09/2017	29/M	
Mumps		PCR	Waitemata	SW	27/09/2017	15/M	
Mumps		PCR	Waitemata	Throat	22/09/2017	19/M	
Mumps		PCR	Waitemata	Throat	26/09/2017	16/M	Mumps contact

IgM IgM ELISA
Seq PCR sequencing
PCR Polymerase Chain Reaction

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. 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.

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: Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz