

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 14/08/2017 - 20/08/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	19		20	18		9	47		113
Influenza A H1N1 pdm09		1			3		22	1	27
Influenza A H3N2		4			11		3	3	21
Influenza B	10	5	11	3	11	14	20	4	78
Astrovirus							2		2
Bocavirus							2		2
Metapneumovirus (HMPV)	4	3	4		2		11	4	28
Mycoplasma pneumoniae							2		2
Norovirus					17		6		23
Parainfluenza 3	18	6			6		7		37
Parainfluenza 4							1		1
Parvovirus							1		1
Picornavirus		14						5	19
Respiratory Syncytial Virus (RSV)	22	10	17	12	13	11	26	4	115
Rhinovirus	15				13	2	25		55
Rotavirus	1								1
Varicella Zoster Virus (VZV)	25	1	6			9	9	5	55
Adenovirus	5	2	1		3		4	4	19
Enterovirus	4	1	1		4	1	10	2	23
Mumps	29		1				10		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
Adenovirus	Type 3	PCR	Canterbury	Eye	07/07/2017	37/F	
Adenovirus	Type 4	PCR	Canterbury	Eye	11/07/2017	32/F	
Adenovirus	Type 7	Seq	Canterbury	Nasal	06/08/2017	30/F	
Adenovirus	Type 8	Seq	Canterbury	Eye	08/07/2017	28/F	Conjunctivitis
Adenovirus	Type 8	Seq	Southern	Eye	02/08/2017	24/F	
Mumps		PCR	Auckland	Swab	17/08/2017	17/F	
Mumps		PCR	Auckland	Swab	17/08/2017	41/M	Preauricular swelling
Mumps		IgM	Canterbury	Serum	14/08/2017	55/M	
Mumps		IgM	Counties Manukau	Serum	15/08/2017	29/F	Tender left parotid
Mumps		PCR	Counties Manukau	Buccal swab	11/08/2017	7/F	Swollen parotid
Mumps		PCR	Counties Manukau	Buccal swab	11/08/2017	11/F	Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	11/08/2017	21/F	
Mumps		PCR	Counties Manukau	Buccal swab	14/08/2017	18/F	
Mumps		PCR	Counties Manukau	Buccal swab	15/08/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	15/08/2017	2/F	
Mumps		PCR	Counties Manukau	Buccal swab	15/08/2017	20/M	
Mumps		PCR	Counties Manukau	Buccal swab	17/08/2017	22/F	Parotitis
Mumps		PCR	Counties Manukau	Swab	12/08/2017	19/M	Mumps contact
Mumps		PCR	Counties Manukau	Swab	14/08/2017	12/F	
Mumps		PCR	Counties Manukau	Swab	15/08/2017	15/F	Bilateral parotid swelling
Mumps		PCR	Counties Manukau	Swab, Urine	14/08/2017	17/F	Bilateral parotid swelling
Mumps		PCR	Counties Manukau	Swab	16/08/2017	19/F	
Mumps		PCR	Counties Manukau	Swab	16/08/2017	20/M	
Mumps		PCR	Counties Manukau	Throat	15/08/2017	15/M	Bilateral parotid swelling
Mumps		PCR	Counties Manukau	Throat	15/08/2017	17/M	
Mumps		PCR	Counties Manukau	Throat	15/08/2017	19/F	Parotid swelling
Mumps		PCR	Counties Manukau	Throat	15/08/2017	23/M	Jaw swelling, mumps contact
Mumps		PCR	Nelson Marlborough	Saliva	11/08/2017	18/F	
Mumps		PCR	Southern	Cheek	16/08/2017	18/F	
Mumps		PCR	Southern	Mouth	11/08/2017	18/F	

Mumps		PCR	Southern	Mouth	14/08/2017	20/F	
Mumps		PCR	Southern	N/S	11/08/2017	/	
Mumps		PCR	Southern	N/S	11/08/2017	19/F	
Mumps		PCR	Southern	N/S	15/08/2017	20/F	
Mumps		IgM	Waikato	Serum	11/08/2017	18/F	Ear Swelling
Mumps		PCR	Waikato	Swab	10/08/2017	18/F	
Mumps		IgM	Waitemata	Serum	14/08/2017	25/F	Unimmunised, Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	17/08/2017	17/M	
Mumps		PCR	Waitemata	Buccal swab	12/08/2017	9/M	Bilateral parotid swelling
Mumps		PCR	Waitemata	Buccal swab	14/08/2017	18/F	Tender submandibular
Mumps		PCR	Waitemata	Swab	11/08/2017	14/M	
Mumps		PCR	Waitemata	Swab	14/08/2017	13/M	Parotitis
Mumps		PCR	Waitemata	Throat	15/08/2017	9/F	Not immunised
Mumps		PCR	Whanganui	Buccal	10/08/2017	21/F	
Mumps		PCR	Whanganui	Buccal	15/08/2017	18/M	
Mumps		PCR	Whanganui	Buccal	20/08/2017	15/M	

IgM IgM ELISA
PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

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.

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