

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 29/05/2017 - 04/06/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	2				22	12			36
Influenza A H1N1 pdm09							4		4
Influenza A H3N2	1	16					2		19
Influenza B	5	6	5	2	10	7	3		38
Bocavirus							2		2
Metapneumovirus (HMPV)		1					3		4
Mycoplasma pneumoniae			3				1		4
Norovirus					9		20		29
Parainfluenza type 2	4	1			1		5		11
Parainfluenza type 3	1	2			5		1		9
Parechovirus							1		1
Picornavirus		51						2	53
Respiratory Syncytial Virus (RSV)	4	23	1	1	3	6	6	2	46
Rhinovirus	16				22	1	21		60
Rotavirus	1						1		2
Sapovirus							16		16
Varicella Zoster Virus (VZV)	19	1	3			14	15	9	61
Adenovirus	3	8			4		4		19
Enterovirus	5		1				3	1	10
Mumps	11		1						12

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	Canterbury	NPS	22/05/2017	3/M	
Adenovirus	Type 7	Seq	Bay of Plenty	NPA	06/05/2017	9M/F	
Adenovirus	Type 8	Seq	Waikato	Eye Swab	18/05/2017	58/F	Conjunctivitis
Adenovirus	Type 19	Seq	Waikato	Eye Swab	15/05/2017	39/M	Severe hyperemia of conjunctiva and discharge
Enterovirus	Echovirus type 25	Seq	Waikato	Blood	12/05/2017	9D/M	Fever
Enterovirus	Enterovirus type 71	Seq	Waikato	Tongue Swab	04/05/2017	11M/F	herpetiform oral ulcers
Mumps		PCR	Counties Manukau	Swab	30/05/2017	15/M	parotid swelling, mumps contact
Mumps		PCR	Counties Manukau	Throat	27/05/2017	24/F	
Mumps		PCR	Counties Manukau	Urine, buccal swab	30/05/2017	28/M	Parotitis and orchitis
Mumps		IgM	Waikato	Serum	01/06/2017	22/M	
Mumps		PCR	Waikato	Throat	24/05/2017	4/M	
Mumps		PCR	Waitemata	Buccal swab	26/05/2017	14/M	
Mumps		PCR	Waitemata	Buccal swab	26/05/2017	21/F	mumps contact
Mumps		PCR	Waitemata	Buccal swab	26/05/2017	48/M	Bilateral swelling of neck
Mumps		PCR	Waitemata	Buccal swab	27/05/2017	13/F	Submandibular swelling
Mumps		PCR	Waitemata	Buccal swab	28/05/2017	5/F	
Mumps		PCR	Waitemata	Buccal Swab	29/05/2017	16/M	
Mumps		PCR	Waitemata	Throat	26/05/2017	3/F	mumps contact

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

NPS Nasopharyngeal Swab
Seq PCR sequencing

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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