

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 24/04/2017 - 30/04/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1			1					2
Influenza A H1N1 pdm09		1					1	1	3
Influenza A H3N2		8	1				1		10
Influenza B		3		1	2	11	1		18
Bocavirus							1		1
Metapneumovirus (HMPV)	2								2
Mycoplasma pneumoniae							3		3
Norovirus					4				4
Parainfluenza type 2	1						1		2
Parainfluenza type 3	3	3					1		7
Parechovirus							1		1
Picornavirus		34						1	35
Respiratory Syncytial Virus (RSV)	3	11	2	1	1	1	4		23
Rhinovirus	13				8	1	14		36
Rotavirus							2		2
Sapovirus							6		6
Varicella Zoster Virus (VZV)	15	1	3			12	18	2	51
Adenovirus	4	7					5	1	17
Enterovirus	2		2		1	6	3	2	16
Mumps	8						1		9

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 16	Seq	Counties Manukau	Mouth Swab	30/03/2017	1/F	
Enterovirus	Echovirus type 11	Seq	Counties Manukau	NPA	27/03/2017	5M/F	
Enterovirus	Echovirus type 30	PCR	Hawke's Bay	Faeces	03/04/2017	6/F	
Enterovirus	Echovirus type 30	Seq	Hawke's Bay	Faeces	31/03/2017	1M/M	
Mumps		IgM	Canterbury	Serum	27/04/2017	67/F	
Mumps		PCR	Counties Manukau	Buccal swab	20/04/2017	11/F	
Mumps		PCR	Counties Manukau	Swab	22/04/2017	16/F	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	22/04/2017	12/F	Back from Fiji, fever
Mumps		PCR	Waitemata	Buccal swab	22/04/2017	2/F	Mumps contact
Mumps		PCR	Waitemata	Buccal swab	25/04/2017	22/M	
Mumps		PCR	Waitemata	Buccal swab	26/04/2017	23/M	
Mumps		PCR, IgM	Waitemata	Throat, serum	25/04/2017	37/F	Parotid swelling, Bilateral
Mumps		IgM	Waitemata	Serum	22/04/2017	39/F	Mumps contact

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

PCR Polymerase Chain Reaction
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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