

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 10/04/2017 - 16/04/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A				2		2			4
Influenza A H1N1 pdm09							2		2
Influenza A H3N2		10	1				3		14
Influenza B		1	1			2	3		7
Astrovirus							2		2
Bocavirus							1		1
Metapneumovirus (HMPV)					1		1		2
Mycoplasma pneumoniae							1		1
Norovirus					1		3		4
Parainfluenza 2							1		1
Parainfluenza 3		3					2		5
Parechovirus							1		1
Parvovirus							1		1
Picornavirus		37						3	40
Respiratory Syncytial Virus (RSV)	3	10	1	1	1		2		18
Rhinovirus	8				5	9	23		45
Rotavirus							2		2
Sapovirus							4		4
Varicella Zoster Virus (VZV)	20		4			9	9	1	43
Adenovirus	7	2	2				6		17
Enterovirus	6	1	1		1	1	3		13
Mumps	10		1						11

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 10	Seq	Counties Manukau	Throat	13/03/2017	1/M	
Enterovirus	Echovirus type 33	PCR	Counties Manukau	CSF	14/03/2017	4/F	
Mumps		PCR, IgM	Auckland	Swab, serum	11/04/2017	22/M	Fever, parotid swelling
Mumps		PCR	Auckland	Throat	06/04/2017	16/M	
Mumps		IgM	Counties Manukau	Serum	08/04/2017	6/M	
Mumps		PCR	Counties Manukau	Swab	11/04/2017	16/M	Mumps contact
Mumps		IgM	Waikato	Serum	05/04/2017	32/M	Bilateral parotitis - previously immunized with MMR
Mumps		IgM	Waikato	Serum	06/04/2017	12/F	
Mumps		IgM	Waikato	Serum	06/04/2017	5/F	
Mumps		PCR	Waikato	Swab	12/04/2017	7/F	
Mumps		PCR, IgM	Waitemata	Buccal swab, serum	08/04/2017	16/F	
Mumps		PCR	Waitemata	Buccal swab	07/04/2017	19/M	
Mumps		PCR	Waitemata	Buccal swab	07/04/2017	18/M	Bilateral swelling

IgM IgM ELISA
Seq PCR sequencing

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: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

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