

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 15/05/2017 - 21/05/2017

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		8	6		24
Influenza A H1N1 pdm09					2				2
Influenza A H3N2		5			6				11
Influenza B	1	8	2	1	5	1	2		20
Bocavirus							1		1
Metapneumovirus (HMPV)	2							2	4
Mycoplasma pneumoniae			2				1		3
Norovirus					6		7		13
Parainfluenza type 1	2								2
Parainfluenza type 2	1	3			1		1		6
Parainfluenza type 3	2	1					1		4
Parechovirus							2		2
Picornavirus		42						6	48
Respiratory Syncytial Virus (RSV)	5	12	6		4	7		1	35
Rhinovirus	13				9	1	16		39
Rotavirus	1								1
Sapovirus							4		4
Varicella Zoster Virus (VZV)	25	4	5			4	11	9	58
Adenovirus	4	1	1		3		3	1	13
Enterovirus	1	1			4	1	1	1	9
Measles	1						2		3
Mumps	6		3						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
Adenovirus	Type 3	Seq	Canterbury	Nasal	01/05/2017	20/F	Tonsillitis
Adenovirus	Type 7	Seq	Canterbury	NPS	06/05/2017	7/M	
Adenovirus	Type 19	Seq	Waikato	Eye Swab	11/04/2017	36/M	Conjunctivitis
Adenovirus	Type 19	Seq	Waikato	Eye Swab	18/04/2017	35/M	Conjunctivitis
Adenovirus	Type 42	Seq	Southern	Eye swab	08/05/2017	45/M	
Enterovirus	Enterovirus type 68	Seq	Canterbury	Nasal	29/04/2017	60/M	
Enterovirus	Enterovirus type 68	Seq	Canterbury	NPS	01/05/2017	28/F	
Measles		PCR	Auckland	NPS	18/05/2017	2/M	Rash
Measles		IgM and PCR	Bay of Plenty	Serum	13/05/2017	22/F	
Measles		IgM and PCR	Canterbury	Serum	17/05/2017	22/M	
Mumps		PCR	Auckland	Buccal Swab, urine	18/05/2017	19/M	
Mumps		PCR	Auckland	Throat	11/05/2017	12/F	Parotid swelling
Mumps		PCR	Counties Manukau	Swab	12/05/2017	36/F	Parotid swelling
Mumps		IgM	Waikato	Serum	15/05/2017	18/M	
Mumps		IgM	Waikato	Serum	16/05/2017	18/F	
Mumps		IgM	Waikato	Serum	18/05/2017	26/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	16/05/2017	11/F	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	16/05/2017	16/M	Parotid swelling
Mumps		PCR	Waitemata	Swab	16/05/2017	8/M	Mumps contact, parotid swelling

IgM IgM ELISA
Seq PCR sequencing

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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