

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 06/05/2019 - 12/05/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	16		11	1	8	45		81
Influenza A H1N1 pdm09		7		1		2		10
Influenza A H3N2		16		11			1	28
Influenza B	26	21	7	8	4	5		71
Bocavirus						3		3
Metapneumovirus (HMPV)		2				4	1	7
Mycoplasma pneumoniae			1			2		3
Norovirus						8		8
Parainfluenza 2	4	1		1		3		9
Parainfluenza 3	2	1				5		8
Picornavirus		56					1	57
Respiratory Syncytial Virus (RSV)	5	7		1		2	2	17
Rhinovirus	29		1	13	2	31		76
Sapovirus						4		4
Varicella Zoster Virus (VZV)	28	2	4		7	5	6	52
Adenovirus	11			2		10	1	24
Enterovirus	3	3		1	2	2	3	14
Measles	13				1			14
Mumps	1							1

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 6	Seq	Southern	Lip swab	08/04/2019	1/M	Rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Mouth swab	01/04/2019	1/M	
Enterovirus	Echovirus type 18	Seq	Counties Manukau	CSF	06/04/2019	1M/F	
Enterovirus	Echovirus type 18	Seq	Counties Manukau	NPA	01/04/2019	3M/M	
Measles		IgM	Auckland	Serum	02/05/2019	43/M	
Measles		IgM	Auckland	Serum, NPS	07/05/2019	20/F	
Measles		PCR	Auckland	Buccal swab	07/05/2019	24/F	
Measles		PCR	Auckland	NPS	04/05/2019	7/F	Fever, rash
Measles		PCR	Auckland	Throat swab	05/05/2019	21/F	
Measles		PCR	Capital and Coast	Throat swab	09/05/2019	14/F	
Measles		PCR	Counties Manukau	NPS	09/05/2019	1/F	
Measles		PCR	Counties Manukau	Swab	08/05/2019	2/M	
Measles		PCR	Counties Manukau	Swab	08/05/2019	4/F	
Measles		PCR	Northland	Throat swab	10/05/2019	11/M	
Measles		PCR	Waitemata	NPS	09/05/2019	4/M	
Measles		PCR	Waitemata	Swab	03/05/2019	6/M	
Measles		PCR	Waitemata	Swab	07/05/2019	5M/F	
Measles		PCR	Waitemata	Throat swab	10/05/2019	8MM	
Mumps		IgM	Counties Manukau	Serum	07/05/2019	64/F	

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR & Sequencing

NPS Nasopharyngeal Swab
 CSF Cerebrospinal Fluid
 PCR Polymerase Chain Reaction

NOTE: During April to September 2019, 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, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

Edited by: Judy Bocacao, Clinical Virology Laboratory, Health Program

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