

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 20/05/2019 - 26/05/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	10		37		7	91		145
Influenza A H1N1 pdm09	3	21		1		3		28
Influenza A H3N2	8	32		3		4	4	51
Influenza B	29	80	12	3	14	26	1	165
Metapneumovirus (HMPV)	3	4		1			1	9
Norovirus				9		1		10
Parainfluenza 2	3					3		6
Parainfluenza 3	2		1	2		6		11
Parainfluenza 4						1		1
Parechovirus						2		2
Picornavirus		61					10	71
Respiratory Syncytial Virus (RSV)	11	31	4	2	2	7	2	59
Rhinovirus	21		2	10	4	36		73
Rotavirus	2							2
Sapovirus						4		4
Varicella Zoster Virus (VZV)	21		5		11		13	50
Adenovirus	15	3				8		26
Enterovirus	1	10		2		4	5	22
Measles	10		1		1	2		15
Mumps	1		1					2

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	Neck	07/05/2019	1/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Hand Swab	02/05/2019	1/F	Rash
Enterovirus	Echovirus type 18	Seq	Counties Manukau	CSF	27/04/2019	1M/M	
Enterovirus	Echovirus type 18	Seq	Counties Manukau	NPA	18/04/2019	16D/F	
Enterovirus	Enterovirus type 71	Seq	Taranaki	Faeces	11/04/2019	1M/F	
Measles		PCR	Auckland	Swab	24/05/2019	1/M	Rash
Measles		PCR	Bay of Plenty	NPS	22/05/2019	1/M	
Measles		PCR	Canterbury	Nasal swab	24/05/2019	1/M	
Measles		PCR	Capital and Coast	Not stated.	21/05/2019	22/M	
Measles		PCR	Capital and Coast	Not stated.	21/05/2019	38/F	
Measles		PCR	Counties Manukau	NPS	21/05/2019	41/F	Rash, Fever
Measles		PCR	Counties Manukau	Swab	21/05/2019	1/F	Fever, rash, conjunctivitis
Measles		PCR	Counties Manukau	Throat Swab	21/05/2019	1/M	Rash, Fever
Measles		PCR	Nelson Marlborough	NPS	19/05/2019	23/F	
Measles		PCR	Northland	Swab	16/05/2019	29/F	
Measles		PCR	Waitemata	NPS	18/05/2019	30/F	
Measles		PCR	Waitemata	Swab	21/05/2019	1/F	
Measles		PCR	Waitemata	Swab	24/05/2019	20/M	
Measles		PCR	Waitemata	Throat Swab	19/05/2019	21/M	
Measles		PCR	Waitemata	Throat Swab	23/05/2019	12/F	
Mumps		IgM	Northland	Serum	17/05/2019	2/M	
Mumps		IgM	Waikato	Serum	21/05/2019	32/F	Facial swelling

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.

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