

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 13/05/2019 - 19/05/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	14		10	5	18	29		76
Influenza A H1N1 pdm09		6		7		2		15
Influenza A H3N2		16		16			2	34
Influenza B	27	26	11	27	10	7	1	109
Rhinovirus				16				16
Bocavirus						1		1
Metapneumovirus (HMPV)				1		2		3
Mycoplasma pneumoniae			1			2		3
Norovirus				5				5
Parainfluenza 2	1		1	1		1		4
Parainfluenza 3	1					1		2
Parechovirus						4		4
Picornavirus		26					5	31
Respiratory Syncytial Virus (RSV)	8	8	5	1	1	2		25
Rhinovirus	37				5	29		71
Sapovirus				5		5		10
Varicella Zoster Virus (VZV)	21	2	2		11	10	4	50
Adenovirus	6	1		2		10		19
Enterovirus			1	3	2	7	2	15
Measles	12		3			2		17
Mumps			2					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	Buttocks	30/04/2019	11 M/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Face	01/05/2019	23/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Hand	18/04/2019	27/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Mouth	23/04/2019	9M/M	Ulcers
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Swab	30/04/2019	1/F	Lesions
Enterovirus	Echovirus type 18	Seq	Taranaki	CSF	30/03/2019	10D/F	
Measles		IgM	Auckland	Serum	13/05/2019	1/M	
Measles		PCR	Auckland	NPS	16/05/2019	2/F	
Measles		PCR	Auckland	Throat, tonsil Swab	17/05/2019	58/F	
Measles		PCR	Bay of Plenty	NPS	14/05/2019	2/F	measles
Measles		PCR	Bay of Plenty	NPS	12/05/2019	1/M	
Measles		PCR	Bay of Plenty	NPS	11/05/2019	20/M	
Measles		PCR	Bay of Plenty	Throat	10/05/2019	1/F	
Measles		PCR	Bay of Plenty	Throat	12/05/2019	14/M	
Measles		IgM	Counties Manukau	Serum	09/05/2019	20/M	
Measles		PCR	Counties Manukau	NPS	16/05/2019	2/F	
Measles		PCR	Northland	NPS	09/05/2019	4/M	
Measles		PCR	Northland	Swab	12/05/2019	1/F	
Measles		PCR	Northland	Throat	10/05/2019	11/M	
Measles		IgM	Waitemata	Serum	04/05/2019	43/M	
Measles		PCR	Waitemata	NPS	09/05/2019	1/F	
Measles		PCR	Waitemata	NPS	11/05/2019	44/F	
Measles		PCR	Waitemata	Swab	11/05/2019	24/M	
Measles		PCR	Waitemata	Swab	14/05/2019	2/F	
Measles		PCR	Waitemata	Swab	16/05/2019	43/F	
Measles		PCR	Waitemata	Throat	10/05/2019	8M/M	
Measles		PCR	Waitemata	Throat	16/05/2019	38/M	
Mumps		PCR	Bay of Plenty	Mouth	12/05/2019	19/M	Parotitis
Mumps		IgM	Lakes	Serum	08/05/2019	13/F	Fever, acute kidney injury, left cheek swelling

IgM IgM ELISA
 Seq PCR & Sequencing
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab
 CSF Cerebrospinal Fluid

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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