

VIROLOGY WEEKLY REPORT

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2019/26 30 July 2019

A Summary of Laboratory-diagnosed viral infections of interest for the week of 24/06/2019 - 30/06/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	50		42	2	14	174		282
Influenza A H1N1 pdm09		13		6		1		20
Influenza A H3N2		51		18		4	1	74
Influenza B	31	5	43	30	28	79		216
Astrovirus						2		2
Bocavirus						5		5
Metapneumovirus (HMPV)	3	6		3		4		16
Mycoplasma pneumoniae			1					1
Norovirus						2		2
Parainfluenza 2	3	1		1		4		9
Parainfluenza 3	4	1	1	1	1	3		11
Parechovirus						2		2
Picornavirus		45					2	47
Respiratory Syncytial Virus (RSV)	43	16	13	6		39		117
Rhinovirus	24		3	10	3	29		69
Rotavirus	1					1		2
Sapovirus						5		5
Varicella Zoster Virus (VZV)	23		11		10	8	6	58
Adenovirus	22	4	1	1		12	1	41
Enterovirus	4		1		1	6	1	13
Measles	29		1		4			34

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
Measles		IgM	Auckland	Serum	25/06/2019	2/M	
Measles		PCR	Auckland	Paraffin embedded tissue	20/06/2019	3/M	
Measles		PCR	Auckland	Swab	26/06/2019	49/F	
Measles		PCR	Capital and Coast	Throat	24/06/2019	38/M	rash, blanching, very red throat,
Measles		PCR	Capital and Coast	Throat	26/06/2019	22/F	Maculopapular rash
Measles		PCR	Capital and Coast	Swab	24/06/2019	24/F	
Measles		PCR	Capital and Coast	Swab	25/06/2019	23/F	
Measles		PCR	Counties Manukau	Buccal swab	23/06/2019	11M/M	
Measles		PCR	Counties Manukau	Mouth Swab	25/06/2019	6/F	
Measles		PCR	Counties Manukau	Nasal swab	24/06/2019	2/M	Cough, Fever, Rash
Measles		PCR	Counties Manukau	NPA	25/06/2019	10M/F	
Measles		PCR	Waitemata	NPS	22/06/2019	19/M	
Measles		PCR	Counties Manukau	NPS	23/06/2019	11M/M	
Measles		PCR	Counties Manukau	NPS	23/06/2019	4/F	
Measles		PCR	Counties Manukau	NPS	25/06/2019	1/F	
Measles		PCR	Counties Manukau	NPS	26/06/2019	5/F	Red rash, high fever, cough
Measles		PCR	Counties Manukau	NPS	27/06/2019	18/M	
Measles		PCR	Counties Manukau	NPS	27/06/2019	7/M	
Measles		PCR	Counties Manukau	NPS	28/06/2019	39/F	Rash
Measles		PCR	Counties Manukau	NPS	28/06/2019	6/F	
Measles		PCR	Counties Manukau	NPS	28/06/2019	7/M	
Measles		PCR	Counties Manukau	Swab	25/06/2019	4M/F	
Measles		PCR	Counties Manukau	Swab	26/06/2019	1/F	Rash
Measles		PCR	Counties Manukau	Swab	26/06/2019	2/M	
Measles		PCR	Counties Manukau	Swab	27/06/2019	8M/M	
Measles		PCR	Counties Manukau	Swab	27/06/2019	1/M	Rash, fever, coryza
Measles		PCR	Counties Manukau	Throat	25/06/2019	2/M	
Measles		PCR	Counties Manukau	Throat	26/06/2019	1/F	Rash, fever
Measles		PCR	Counties Manukau	Throat	26/06/2019	42/F	Rash
Measles		PCR	Counties Manukau	Throat	28/06/2019	1/M	
Measles		PCR	Northland	Throat	24/06/2019	4/F	
Measles		PCR, IgM	Northland	Throat, serum	24/06/2019	6/F	Rash, fever, conjunctivitis
Measles		PCR	Waikato	NPS	21/06/2019	23/M	
Measles		PCR	Waitemata	Swab	26/06/2019	6M/M	

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

NPS Nasopharyngeal Swab
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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