

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 10/06/2019 - 16/06/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	49		32	5	4	170		260
Influenza A H1N1 pdm09		16		15		2		33
Influenza A H3N2		41		42		5	5	93
Influenza B	53	15	25	73	18	45	3	232
Astrovirus						2		2
Bocavirus						2		2
Coronavirus			2					2
Metapneumovirus (HMPV)	5	3				4	2	14
Mycoplasma pneumoniae			2			2		4
Norovirus						3		3
Parainfluenza 2	2	2		1		5		10
Parainfluenza 3	3	4		1		2		10
Picornavirus		48					7	55
Respiratory Syncytial Virus (RSV)	21	16	8	9	2	16	2	74
Rhinovirus	49		2	11	3	25		90
Rotavirus	1					3		4
Sapovirus						2		2
Varicella Zoster Virus (VZV)	7		6		13	8	9	43
Adenovirus	18	3	1	1		14	1	38
Enterovirus	4	7	1	1	1	7	3	24
Measles	17		1					18
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
Measles		IgM	Auckland	Serum	10/06/2019	20/F	
Measles		PCR	Auckland	NPS	09/06/2019	1/F	
Measles		PCR	Auckland	Swab	14/06/2019	5M/M	Cough, coryza
Measles		PCR	Auckland	Throat Swab	09/06/2019	20/F	
Measles		PCR	Auckland	Throat Swab	10/06/2019	1/F	Rash, fever
Measles		PCR	Counties Manukau	NPS	13/06/2019	24/M	
Measles		PCR	Counties Manukau	Swab	07/06/2019	1/F	
Measles		PCR	Counties Manukau	Swab	07/06/2019	29/F	Fever
Measles		PCR	Counties Manukau	Swab	11/06/2019	15/M	Rash
Measles		PCR	Counties Manukau	Swab	13/06/2019	1/M	
Measles		PCR	Counties Manukau	Swab	14/06/2019	24/F	
Measles		PCR	Counties Manukau	Throat Swab	08/06/2019	10M/M	
Measles		PCR	Counties Manukau	Throat Swab	08/06/2019	2/F	
Measles		PCR	Counties Manukau	Throat Swab	09/06/2019	1/M	
Measles		PCR	Counties Manukau	Throat Swab	13/06/2019	2/M	Conjunctivitis
Measles		PCR	Lakes	Throat Swab	10/06/2019	35/M	
Measles		PCR	Waitemata	NPS	11/06/2019	39/F	
Measles		PCR	Waitemata	Swab	09/06/2019	1/M	
Measles		PCR	Waitemata	Throat Swab	08/06/2019	1/F	
Mumps		IgM	Waikato	Serum	10/06/2019	2/M	Fever, marked cervical lymphadenopathy/ sub mandibular swelling

IgM IgM ELISA
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

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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