

VIROLOGY WEEKLY REPORT

ISSN: 1680 (Print)
ISSN: 1179-903 (Online)

2019/25 23 July 2019

A Summary of Laboratory-diagnosed viral infections of interest for the week of 17/06/2019 - 23/06/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	54		46	5	6	165		276
Influenza A H1N1 pdm09	1	20		14		2		37
Influenza A H3N2		41		52		5	1	99
Influenza B	31	8	39	103	22	48	2	253
Astrovirus						1		1
Bocavirus						1		1
Coronavirus			1					1
Metapneumovirus (HMPV)	10	2	1	4		7	1	25
Mycoplasma pneumoniae						1		1
Norovirus				2		3		5
Parainfluenza 1						2		2
Parainfluenza 2	2	2		3		2		9
Parainfluenza 3	6	1		1		2		10
Picornavirus		49					4	53
Respiratory Syncytial Virus (RSV)	37	25	19	4	2	27	2	116
Rhinovirus	39		2	44	2	28		115
Rotavirus	3							3
Sapovirus						1		1
Varicella Zoster Virus (VZV)	26		7		9		10	52
Adenovirus	19	5	2	1		13		40
Enterovirus	4	1	1	2	3	4	3	18
Measles	14							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	Canterbury	NPS	19/05/2019	20/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Counties Manukau	Skin	24/05/2019	1/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Chin	20/05/2019	2/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Hand	28/05/2019	1/M	Rash
Enterovirus	Echovirus type 18	Seq	Southern	CSF	12/05/2019	1M/M	
Measles		PCR	Auckland	Swab	17/06/2019	28/M	
Measles		PCR	Auckland	Throat	18/06/2019	1/F	Rash
Measles		PCR	Counties Manukau	Nasal	17/06/2019	1/M	
Measles		PCR	Counties Manukau	NPS	16/06/2019	8/M	
Measles		PCR	Counties Manukau	NPS	19/06/2019	1M/M	
Measles		PCR	Counties Manukau	NPS	19/06/2019	10M/M	
Measles		PCR	Counties Manukau	NPS	21/06/2019	19/M	
Measles		PCR	Counties Manukau	Swab	21/06/2019	4/F	Rash, Fever, Conjunctivitis
Measles		PCR	Counties Manukau	Throat	17/06/2019	1/F	
Measles		PCR	Counties Manukau	Throat	19/06/2019	23/M	
Measles		PCR	Waitemata	Swab	21/06/2019	11/F	
Measles		PCR	Waitemata	Swab	21/06/2019	14/F	
Measles		PCR	Waitemata	Swab	21/06/2019	37/M	
Measles		PCR	Waitemata	Throat	17/06/2019	17/M	
Mumps		PCR	Auckland	Swab	19/06/2019	29/M	

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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