

# VIROLOGY WEEKLY REPORT

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

2019/27 02 August 2019

A Summary of Laboratory-diagnosed viral infections of interest for the week of 01/07/2019 - 7/07/2019

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	45		42	2	6	209	26	330
Influenza A H1N1 pdm09		12		9				21
Influenza A H3N2		80		47		14	2	143
Influenza B	32	7	52	42	36	68	6	243
Astrovirus						4		4
Bocavirus						3		3
Metapneumovirus (HMPV)	5	5		6		15		31
Mycoplasma pneumoniae						1		1
Norovirus				3		9		12
Parainfluenza 1		1	1					2
Parainfluenza 2	1			4		3		8
Parainfluenza 3	2	2			1	3		8
Parechovirus						1		1
Picornavirus		58						58
Respiratory Syncytial Virus (RSV)	45	32	27	11	14	38	6	173
Rhinovirus	21			19	3	26		69
Rotavirus	1					2		3
Sapovirus						3		3
Varicella Zoster Virus (VZV)	18		1		5	3	8	35
Adenovirus	14	2	1	2		8		27
Enterovirus	1	3	1	2	1	10	4	22
Measles	15				1			16
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		PCR	Auckland	Swab	29/06/2019	1/M	Fever
Measles		PCR	Auckland	Swab	01/07/2019	1/M	Rash, fever
Measles		PCR	Capital and Coast	Throat	08/07/2019	22/M	
Measles		PCR	Counties Manukau	Buccal swab	29/06/2019	11/F	
Measles		PCR	Counties Manukau	Buccal swab	30/06/2019	15/M	
Measles		PCR	Counties Manukau	Buccal swab	03/07/2019	22/M	
Measles		PCR	Counties Manukau	Mouth	29/06/2019	22/M	
Measles		PCR	Counties Manukau	NPS	02/07/2019	15/M	
Measles		PCR	Counties Manukau	NPS	02/07/2019	19/F	
Measles		PCR	Counties Manukau	NPS	05/07/2019	17/M	
Measles		PCR	Counties Manukau	Swab	03/07/2019	20/M	
Measles		PCR	Counties Manukau	Throat	01/07/2019	27/M	
Measles		PCR	Counties Manukau	Throat	05/07/2019	21/F	
Measles		PCR	Northland	Throat	04/07/2019	1/F	
Measles		PCR	Northland	Throat	04/07/2019	5/F	
Measles		PCR	Waitemata	Swab	01/07/2019	24/M	
Mumps		IgM	Waikato	Serum	05/07/2019	61/F	Parotid 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](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](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.

Edited by: Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: [judy.bocacao@esr.cri.nz](mailto:judy.bocacao@esr.cri.nz)