

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 29/04/2019 - 05/05/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	7		4		6	29		46
Influenza A H1N1 pdm09		3				1	1	5
Influenza A H3N2	1	4		8			3	16
Influenza B	16	11	6		2	6		41
Bocavirus						1		1
Metapneumovirus (HMPV)	4					2		6
Mycoplasma Pneumoniae						6	1	7
Norovirus				18		5		23
Parainfluenza 2	5	1				5		11
Parainfluenza 3	2					1	1	4
Parechovirus						2		2
Picornavirus		20					5	25
Respiratory Syncytial Virus (RSV)	8	4			2	4		18
Rhinovirus	29		1	1	6	33		70
Rotavirus						2		2
Sapovirus						1		1
Varicella Zoster Virus (VZV)	33	1	4		8	10	8	64
Adenovirus	8		1		3	8	1	21
Enterovirus	1	3	1			4	6	15
Measles	11		7		1	1		20
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	30/04/2019	24/M	
Measles		PCR	Auckland	Throat	29/04/2019	25/M	Rash
Measles		PCR	Auckland	Throat	02/05/2019	43/M	
Measles		PCR	Bay of Plenty	NPA	30/04/2019	23/M	
Measles		PCR	Capital and Coast	NPS	03/05/2019	14/F	
Measles		PCR	Northland	Throat	28/04/2019	10M/F	Rash
Measles		PCR	Northland	Throat	29/04/2019	1/F	
Measles		PCR	Waikato	Throat	30/04/2019	1/F	
Measles		PCR	Waitemata	NPS	02/05/2019	3/M	
Measles		PCR	Waitemata	NPS	02/05/2019	61/M	
Measles		PCR	Waitemata	Swab	02/05/2019	20/M	
Measles		PCR	Waitemata	Swab	03/05/2019	6/M	
Measles		PCR	Waitemata	Throat	24/04/2019	22/M	
Measles		PCR	Waitemata	Throat	30/04/2019	22/M	
Measles		PCR	Bay of Plenty	NPS	25/04/2019	7/F	Rash, conjunctivitis, fever, Kopliks spots,
Measles		PCR	Bay of Plenty	Swab	01/05/2019	39/M	Rash, malaise
Measles		PCR	Bay of Plenty	Throat	26/04/2019	26/M	
Measles		IgM	Waikato	Serum	03/04/2019	18/M	Sore throat & eyes, rash, fever
Measles		PCR, IgM	Bay of Plenty	NPS	28/04/2019	15/F	
Measles		PCR	Waikato	NPS	01/05/2019	1/M	white growths in mouth, rash
Measles		PCR	Waikato	NPS	26/04/2019	43/F	Fever, rash
Mumps		PCR	Auckland	Swab	29/04/2019	17/F	

NPA Nasopharyngeal Aspirate
PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab
IgM IgM ELISA

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.

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

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz