

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 27/05/2019 - 02/06/2019

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	18		36	2	8	109		173
Influenza A H1N1 pdm09	2	10		5		2		19
Influenza A H3N2	9	23		13		10	7	62
Influenza B	39	13	24	14	13	29	1	133
Astrovirus						1		1
Bocavirus						1		1
Coronavirus			2					2
Metapneumovirus (HMPV)	3	5		3		5	2	18
Mycoplasma pneumoniae						3		3
Norovirus						5		5
Parainfluenza 2		1				3		4
Parainfluenza 3	3					3		6
Picornavirus		50					5	55
Respiratory Syncytial Virus (RSV)	11	11	5	3	4	6		40
Rhinovirus	39		2	15	8	25		89
Rotavirus						1		1
Sapovirus						2		2
Varicella Zoster Virus (VZV)	21	8	12		7	11	6	65
Adenovirus	11	4	1	1		14	2	33
Enterovirus	4	3	1		2	3	3	16
Measles	14				2	4		20
Mumps	1					1		2

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	31/05/2019	6M/M	
Measles		PCR	Auckland	Swab	31/05/2019	34/M	
Measles		PCR	Counties Manukau	Nasal swab	28/05/2019	3/M	Rash
Measles		PCR	Counties Manukau	NPS	28/05/2019	1/F	
Measles		PCR	Counties Manukau	NPS	28/05/2019	3/M	
Measles		PCR	Counties Manukau	Swab	30/05/2019	1/M	Rash
Measles		PCR	MidCentral	NPS	28/05/2019	22/M	
Measles		PCR	Northland	NPS	27/05/2019	2/M	Fever, cough & rash
Measles		PCR	Northland	NPS	31/05/2019	20/M	Rash
Measles		PCR	Northland	NPS	31/05/2019	23/M	Rash
Measles		PCR	Waitemata	NPS	27/05/2019	20/M	Fever, cough & rash
Measles		PCR	Waitemata	Swab	25/05/2019	24/M	
Measles		PCR	Waitemata	Swab	31/05/2019	2/F	
Measles		PCR	Waitemata	Throat Swab	25/05/2019	20/M	
Measles		PCR	Waitemata	Throat Swab	27/05/2019	1/M	
Measles		PCR	Hutt	Unknown	28/05/2019	15/F	
Measles		PCR	Capital & Coast	Unknown	30/05/2019	22/M	
Mumps		PCR	Auckland	Buccal swab	26/05/2019	66/M	
Mumps		PCR	Canterbury	Buccal swab	27/05/2019	19/F	

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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