

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 07/05/2018 - 13/05/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1							1
Influenza A H1N1 pdm09		2						2
Influenza B	2			2		1		5
Astrovirus						1		1
Metapneumovirus (HMPV)	2			1		2		5
Mycoplasma pneumoniae						2		2
Norovirus				17		7		24
Parainfluenza 1	2	2				4		8
Parainfluenza 3						1		1
Parvovirus						2		2
Picornavirus							3	3
Respiratory Syncytial Virus (RSV)	5	6	1	1	7	3		23
Rhinovirus	18	23		3	2	17		63
Rotavirus	1					3		4
Varicella Zoster Virus (VZV)	33	3	9		16	13		74
Adenovirus	9	3	6	1		6		25
Enterovirus		2	3			5	2	12
Measles	1					1		2
Mumps	4					1		5

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	21/04/2018	1/F	
Measles		PCR	Canterbury	NPS	11/05/2018	52/M	
Mumps		PCR	Auckland	Swab	03/05/2018	32/F	Swollen parotids
Mumps		PCR	Counties Manukau	Buccal swab	09/05/2018	25/M	
Mumps		PCR	Counties Manukau	Buccal swab	10/05/2018	27/M	Swollen parotids
Mumps		PCR	Counties Manukau	Swab	04/05/2018	17/M	
Mumps		PCR	Nelson Marlborough	not stated	08/05/2018	28/M	

IgM IgM ELISA
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

NOTE: During April to September 2018, 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