

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 14/05/2018 - 20/05/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A			1	4	1				6
Influenza A H1N1 pdm09		2							2
Influenza A H3N2		1							1
Influenza B		1			2				3
Astrovirus							1		1
Bocavirus							2		2
Metapneumovirus (HMPV)	3	5			2		1		11
Mycoplasma pneumoniae			2				5		7
Norovirus					3		2		5
Parainfluenza 1	1								1
Parainfluenza 4							3		3
Parechovirus							2		2
Picornavirus		33						4	37
Respiratory Syncytial Virus (RSV)	1	5	1	3	1	10	3		24
Rhinovirus	12				9	1	25		47
Rotavirus	1						1		2
Sapovirus							6		6
Varicella Zoster Virus (VZV)	37	2	9			14	15	7	84
Adenovirus	8	5	1		1		6	2	23
Enterovirus	3		1				1	1	6
Measles	1								1
Mumps	3								3

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	Counties Manukau	Serum	16/05/2018	11/F	
Mumps		IgM	Auckland	Serum	09/05/2018	2/M	
Mumps		IgM	Auckland	Serum	12/05/2018	35/F	
Mumps		PCR	Counties Manukau	Buccal swab	10/05/2018	27/M	Swollen parotids
Mumps		PCR	Counties Manukau	Swab	17/05/2018	31/M	

IgM IgM ELISA

PCR Polymerase Chain Reaction

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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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