

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 22/05/2017 - 28/05/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3					14		1	18
Influenza A H1N1 pdm09					2		5		7
Influenza A H3N2		12			2		4		18
Influenza B	4	5	4	2	4	1	1		21
Bocavirus							1		1
Metapneumovirus (HMPV)	2				2			1	5
Mycoplasma pneumoniae			1				6	1	8
Norovirus					6		10		16
Parainfluenza type 2	3	1			2				6
Parainfluenza type 3	4	2			1		2		9
Picornavirus		46						4	50
Respiratory Syncytial Virus (RSV)	5	12	1		10		5		33
Rhinovirus	15				6	1	24		46
Rotavirus	1						1		2
Sapovirus							12		12
Varicella Zoster Virus (VZV)	16	2	6			6	10	5	45
Adenovirus	10	4	1				6	1	22
Enterovirus	5	1	1			2	2		11
Mumps	8		1						9

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
Mumps		IgM	Auckland	Serum	18/05/2017	19/M	
Mumps		IgM	Auckland	Serum	22/05/2017	48/F	Bilateral parotitis
Mumps		PCR, IgM	Counties Manukau	Buccal swab, serum	23/05/2017	13/M	Fever, parotid swelling
Mumps		IgM	Waikato	Serum	23/05/2017	21/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	25/05/2017	23/F	Sibling with mumps
Mumps		PCR	Waitemata	Swab	19/05/2017	14/F	Bilateral parotitis, Not vaccinated
Mumps		PCR	Waitemata	Swab	24/05/2017	14/M	Facial swelling
Mumps		PCR	Waitemata	Swab	25/05/2017	35/M	
Mumps		PCR	Waitemata	Throat	24/05/2017	24/M	Orchitis

IgM IgM ELISA

PCR Polymerase Chain Reaction

NOTE: During April to September 2017, 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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