

VIROLOGY WEEKLY REPORT

ISSN: 1680 (Print)
ISSN: 1179-903 (Online)

2017/24 26 June 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 12/06/2017 - 18/06/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	29		3	2	4	15			53
Influenza A H1N1 pdm09		1			5		2	1	9
Influenza A H3N2		29			21		3		53
Influenza B	8	10	9	6	21	5	3		62
Astrovirus					2		2		4
Bocavirus							1		1
Metapneumovirus (HMPV)	2	1					5		8
Mycoplasma pneumoniae			1				4	1	6
Norovirus					6		14		20
Parainfluenza 1		1							1
Parainfluenza 2	2	5			8		1	2	18
Parainfluenza 3	1	8					3	1	13
Picornavirus		40						4	44
Respiratory Syncytial Virus (RSV)	12	24	5	4	17		8		70
Rhinovirus	28				14	1	22		65
Rotavirus	1								1
Sapovirus							10		10
Varicella Zoster Virus (VZV)	15		6			7	8	4	40
Adenovirus	4	5			2		3		14
Enterovirus	2	1	1		2	1	1	1	9
Mumps	11						2		13

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		PCR	Auckland	Buccal swab	13/06/2017	17/M	Parotid swelling
Mumps		PCR	Auckland	CSF, urine	13/06/2017	19/M	
Mumps		IgM	Canterbury		13/06/2017	40/F	
Mumps		PCR	Counties Manukau	Buccal swab	14/06/2017	17/F	Back from Tonga
Mumps		PCR	Counties Manukau	Buccal swab	15/06/2017	16/M	
Mumps		IgM	Counties Manukau	Serum	12/06/2017	14/M	Cheek swelling
Mumps		IgM	MidCentral	Serum	15/06/2017	50/M	
Mumps		PCR	Waitemata	Buccal swab	13/06/2017	15/M	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	13/06/2017	16/F	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	13/06/2017	19/F	Parotid swelling
Mumps		PCR	Waitemata	Mouth	13/06/2017	31/F	Contact with mumps
Mumps		PCR	Waitemata	SW	11/06/2017	35/F	
Mumps		PCR	Waitemata	SW	13/06/2017	24/F	Swollen face

IgM IgM ELISA
PCR Polymerase Chain Reaction

CSF Cerebrospinal Fluid

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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