

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 05/06/2017 - 11/06/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	5			2		18			25
Influenza A H1N1 pdm09		3					3		6
Influenza A H3N2	11	17						1	29
Influenza B	8	9	17	3		3			40
Astrovirus							1		1
Bocavirus							3		3
Metapneumovirus (HMPV)		1			2		3	1	7
Mycoplasma pneumoniae			1				6		7
Norovirus					6		19		25
Parainfluenza type 2	3	3			2	1			9
Parainfluenza type 3	2	5			1		3		11
Parainfluenza type 4							1		1
Parvovirus							2		2
Picornavirus		25						4	29
Respiratory Syncytial Virus (RSV)	8	14	2		10	6	5		45
Rhinovirus	11				6	1	20		38
Sapovirus							8		8
Varicella Zoster Virus (VZV)	7	1	4			13	7	7	39
Adenovirus	8	3	1				2		14
Enterovirus	1		2			1	3	1	8
Mumps	3		1						4

## 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	Counties Manukau	Urine, buccal swab	02/06/2017	48/M	Parotid swelling
Mumps		IgM	Waikato	Serum	01/06/2017	23/F	Bilateral parotid swelling
Mumps		PCR	Waitemata	Buccal swab	01/06/2017	46/M	
Mumps		PCR	Waitemata	Mouth, Buccal swab	08/06/2017	17/F	Swollen cheek, fever

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](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](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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