

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 24/07/2017 - 30/07/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	23	1	34	24		18	14		114
Influenza A H1N1 pdm09		11			9		11		31
Influenza A H3N2	1	46			92		46	2	187
Influenza B	9	15	18	15	76	14	14	4	165
Bocavirus							3		3
Metapneumovirus	1	10	4				12	3	30
Mycoplasma pneumoniae			2				1		3
Norovirus					11		5		16
Parainfluenza 1					1				1
Parainfluenza 2	2	2					1		5
Parainfluenza 3	7	20	1		8	1	7	1	45
Parainfluenza 4							1		1
Parechovirus							1		1
Picornavirus		43						6	49
Respiratory Syncytial Virus (RSV)	41	38	21	14	16	5	28	7	170
Rhinovirus	12				5	1	13		31
Rotavirus	1						1		2
Sapovirus							4		4
Varicella Zoster Virus (VZV)	13	1	8			7	10	7	46
Adenovirus	4	9			3		3	3	22
Enterovirus		1	1		3		7	3	15
Measles	1								1
Mumps	11						1		12

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	Samoa	Serum	20/07/2017	/M	Acute fever and rash
Mumps		PCR	Waitemata	Buccal swab	21/07/2017	19/F	Parotid swelling
Mumps		PCR	Counties Manukau	Urine	21/07/2017	13/M	
Mumps		PCR	Auckland	Buccal swab	26/07/2017	52/F	
Mumps		PCR	Auckland	Swab	21/07/2017	16/F	
Mumps		PCR	Counties Manukau	Buccal swab	26/07/2017	13/F	
Mumps		PCR	Counties Manukau	Buccal swab	26/07/2017	14/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	26/07/2017	7/F	
Mumps		PCR	Counties Manukau	Swab	24/07/2017	62/F	Swelling submental area, returned from Tonga
Mumps		PCR	Counties Manukau	Swab	25/07/2017	14/F	Returned from Tonga, Fully immunised
Mumps		IgM	Counties Manukau	Serum	24/07/2017	16/F	Pregnant, mumps contact
Mumps		IgM	Counties Manukau	Serum	26/07/2017	17/M	
Mumps		PCR	Taranaki	oropharynx	24/07/2017	19/M	

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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