

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 21/08/2017 - 27/08/2017

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		12	15	22	11	43		108
Influenza A H1N1 pdm09							18	1	19
Influenza A H3N2		17			23		7	1	48
Influenza B	1	8	3	7	32	7	17	4	79
Astrovirus							1		1
Bocavirus							2		2
Metapneumovirus (HMPV)	2	8	8		11				40
Mycoplasma pneumoniae						1	7		8
Norovirus							15		15
Parainfluenza 1	1	1					1		3
Parainfluenza 2	1				1				2
Parainfluenza 3	10	14	1		6		11		42
Parainfluenza 4							1		1
Parechovirus							1		1
Picornavirus		56						5	61
Respiratory Syncytial Virus (RSV)	12	34	12		21	6	19	3	125
Rhinovirus	19				18	3	22		62
Rotavirus	2								2
Sapovirus							4		4
Varicella Zoster Virus (VZV)	24		6			9	9	4	52
Adenovirus	4	1			5		13	2	25
Enterovirus	2	2	2		5		4		15
Measles	1								1
Mumps	21		1				3		25

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		PCR	Counties Manukau	Swab	23/08/2017	1/M	
Mumps		PCR	Auckland	Buccal swab	24/08/2017	15/F	
Mumps		PCR	Auckland	Buccal swab	24/08/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	24/08/2017	6/M	Bilateral cheek swelling
Mumps		PCR	Auckland	Swab	21/08/2017	13/F	Parotid swelling
Mumps		PCR	Auckland	Swab	23/08/2017	21/M	Lymphadenopathy
Mumps		PCR	Auckland	Throat	24/08/2017	30/M	
Mumps		PCR	Capital and Coast	Buccal swab	21/08/2017	19/F	
Mumps		PCR	Capital and Coast	Buccal swab	22/08/2017	13/M	
Mumps		PCR	Capital and Coast	Not stated	22/08/2017	16/M	
Mumps		PCR	Counties Manukau	Buccal swab	18/08/2017	18/F	
Mumps		PCR	Counties Manukau	Buccal swab	18/08/2017	21/F	Swollen mandible
Mumps		PCR	Counties Manukau	Mouth	24/08/2017	11/M	
Mumps		PCR	Counties Manukau	Swab	18/08/2017	11/F	Mumps contact
Mumps		PCR	Counties Manukau	Swab	18/08/2017	2/F	Mumps contact
Mumps		PCR	Counties Manukau	Swab	21/08/2017	21/M	Parotid swelling
Mumps		PCR	Hutt Valley	Buccal swab	20/08/2017	15/M	
Mumps		PCR	Northland	Buccal swab	22/08/2017	17/F	Parotid Swelling
Mumps		IgM	Waikato	Serum	18/08/2017	32/F	Bilateral parotid swelling
Mumps		PCR	Waikato	Buccal swab	18/08/2017	14/M	
Mumps		PCR	Waikato	Buccal swab	18/08/2017	32/F	Bilateral parotid swelling
Mumps		PCR	Waikato	Buccal swab	21/08/2017	18/M	
Mumps		PCR	Waikato	Mouth	22/08/2017	22/F	Parotid swelling
Mumps		PCR	Waitemata	Buccal swab	21/08/2017	14/M	jaw swelling
Mumps		PCR	Waitemata	Buccal swab	22/08/2017	32/F	gland swelling, mumps contact
Mumps		PCR	Waitemata	Throat	19/08/2017	26/M	R jaw swelling
Mumps		IgM	Waitemata	Serum	23/08/2017	15/M	Parotid swelling

IgM IgM ELISA
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

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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