

# VIROLOGY WEEKLY REPORT

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

2017/35 12 September 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 28/08/2017 - 03/09/2017

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	7		11	10	13	10	26		77
Influenza A H1N1 pdm09	1	5			5		20	1	32
Influenza A H3N2		9			17			2	28
Influenza B	6	4	3	9	54	8	16	1	101
Astrovirus							2		2
Bocavirus							7		7
Metapneumovirus	2	10	3		12		7	1	35
Mycoplasma pneumoniae			1						1
Norovirus					12		27		39
Parainfluenza 1		1							1
Parainfluenza 2		1			1				2
Parainfluenza 3	11	18	2		18		12		61
Parechovirus							1		1
Picornavirus		56						4	60
Respiratory Syncytial Virus (RSV)	17	19	6	12	47	7	18	2	128
Rhinovirus	21				41	2	35		99
Rotavirus	6								6
Varicella Zoster Virus (VZV)	25		5			11	9	5	55
Adenovirus	4	3	2		17		8	4	38
Enterovirus	3	6	3		7		4	5	28
Mumps	15		2				6		23

**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
Enterovirus	Coxsackievirus A type 6	Seq	Canterbury	Leg	10/08/2017	1/F	
Enterovirus	Coxsackievirus A type 6	Seq	Southern	Buttocks	31/07/2017	1 Y/F	
Enterovirus	Coxsackievirus A type 6	Seq	Southern	Skin	07/08/2017	1 Y/F	
Enterovirus	Coxsackievirus A type 16	Seq	Southern	Mouth	11/08/2017	6/M	
Enterovirus	Coxsackievirus A type 21	Seq	Counties Manukau	NPS	08/08/2017	9/M	
Enterovirus	Coxsackievirus B type 5	Seq	Counties Manukau	CSF	05/08/2017	13/M	
Enterovirus	Echovirus type 30	Seq	Waikato	CSF	12/08/2017	15/M	?meningitis
Enterovirus	Enterovirus type 68	Seq	Taranaki	NPA	15/08/2017	3/M	Bronchitis
Enterovirus	Enterovirus type 71	Seq	Southern	Tongue	11/08/2017	4 Y/F	
Mumps		PCR	Auckland	Buccal swab	28/08/2017	24/F	Parotitis
Mumps		PCR	Auckland	Buccal swab	30/08/2017	32/F	Parotitis
Mumps		PCR	Auckland	Swab	31/08/2017	16/F	Bilateral parotid enlargement
Mumps		PCR	Canterbury	Buccal swab	31/08/2017	49/F	
Mumps		PCR	Canterbury	Not stated	01/09/2017	49/F	
Mumps		PCR	Counties Manukau	Buccal swab	26/08/2017	17/F	Mumps contact, returned from Tonga
Mumps		PCR	Counties Manukau	Buccal swab	29/08/2017	17/F	Mumps contact
Mumps		PCR	Counties Manukau	Left cheek	25/08/2017	45/F	
Mumps		PCR	Counties Manukau	Swab	25/08/2017	26/F	
Mumps		PCR	Counties Manukau	Swab	25/08/2017	7/M	Swollen gland
Mumps		IgM, PCR	Nelson Marlborough	Serum, saliva	29/08/2017	21/F	
Mumps		PCR	South Canterbury	Not stated	31/08/2017	5/M	
Mumps		PCR	South Canterbury	Oral swab	28/08/2017	26/F	
Mumps		PCR	Southern	Buccal swab	28/08/2017	23/M	
Mumps		IgM	Waikato	Serum	25/08/2017	36Y/M	Bilateral parotitis
Mumps		IgM	Waikato	Serum	28/08/2017	21Y/M	
Mumps		PCR	Waikato	Buccal swab	23/08/2017	26/F	
Mumps		PCR	Waikato	Buccal swab	28/08/2017	18/F	Mumps contact, parotitis
Mumps		PCR	Waikato	Buccal swab	28/08/2017	24/F	Bilateral parotid swelling
Mumps		PCR	Waitemata	Buccal swab	26/08/2017	18/M	
Mumps		PCR	Waitemata	Buccal swab	26/08/2017	20/M	
Mumps		PCR	Waitemata	Buccal swab	28/08/2017	19/M	
Mumps		PCR	Waitemata	Buccal swab	28/08/2017	20/M	Parotid swelling

NPA	Nasopharyngeal Aspirate	NPS	Nasopharyngeal Swab
IgM	IgM ELISA	CSF	Cerebrospinal Fluid
Seq	PCR sequencing	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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