

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 09/10/2017 - 15/10/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3					2	1	6
Influenza A H1N1 pdm09				8		6		14
Influenza A H3N2		1		7				8
Influenza B	3	2		27	1	4		37
Metapneumovirus (HMPV)	6	14	2	6		7		35
Mycoplasma pneumoniae			1			1		2
Norovirus				16		12		28
Parainfluenza 1		1						1
Parainfluenza 2				1				1
Parainfluenza 3	7	7	1	4	2	4	2	27
Parechovirus						1		1
Picornavirus		53					6	59
Respiratory Syncytial Virus (RSV)	7	6		4	1	10	2	30
Rhinovirus	24			19	1	25		69
Rotavirus	1					1		2
Varicella Zoster Virus (VZV)	18	2	6		9	14	10	59
Adenovirus	13	4		10		15	5	47
Enterovirus	4	4	4	5	1	10	3	31
Mumps	40		1			1		42

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
Adenovirus	Type 1	Seq	Canterbury	NPS	07/09/2017	1/M	
Adenovirus	Type 1	Seq	Southern	Swab	15/09/2017	2 Y/F	
Adenovirus	Type 1	Seq	Southern	Eye	26/09/2017	45 Y/F	
Adenovirus	Type 3	Seq	Canterbury	NPS	23/09/2017	3/F	
Adenovirus	Type 3	Seq	Canterbury	Nostril	21/09/2017	5/F	
Adenovirus	Type 3	Seq	Southern	Eye	15/09/2017	46/M	Conjunctivitis
Adenovirus	Type 4	Seq	Canterbury	Conjunctiva	21/09/2017	18/M	Conjunctivitis
Adenovirus	Type 4	Seq	Canterbury	Eye	20/09/2017	9/F	
Adenovirus	Type 4	Seq	Canterbury	NPS	19/09/2017	22/F	
Adenovirus	Type 4	Seq	Canterbury	NPS	29/09/2017	24/M	
Adenovirus	Type 4	Seq	Canterbury	Nostril	21/09/2017	21/M	
Adenovirus	Type 4	Seq	Canterbury	Swab	20/09/2017	20/M	
Adenovirus	Type 4	Seq	Southern	Eye	15/09/2017	20 Y/M	
Adenovirus	Type 4	Seq	Southern	NPS	20/09/2017	17 Y/F	
Adenovirus	Type 4	Seq	Southern	Swab	21/09/2017	19 Y/M	
Adenovirus	Type 4	Seq	Southern	Throat	07/09/2017	7 Y/F	
Adenovirus	Type 4	Seq	West Coast	Faeces	15/09/2017	52/F	
Adenovirus	Type 5	Seq	Canterbury	NPS	07/09/2017	1/F	
Adenovirus	Type 7	Seq	Canterbury	Faeces	14/09/2017	37/M	
Adenovirus	Type 7	Seq	South Canterbury	Eye	18/09/2017	34 Y/M	
Adenovirus	Type 56	Seq	Southern	Eye	08/09/2017	23/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Perineum	25/09/2017	11/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Counties Manukau	Swab	25/09/2017	1/F	
Enterovirus	Coxsackievirus Group A type 6	PCR	Southern	Swab	25/09/2017	3 Y/M	
Enterovirus	Coxsackievirus Group A type 6	PCR	Southern	Swab	27/09/2017	3 Y/F	
Enterovirus	Coxsackievirus Group A type 10	Seq	Canterbury	Swab	25/09/2017	2/M	
Enterovirus	Coxsackievirus Group A type 21	PCR	Counties Manukau	NPS	10/09/2017	35/F	
Enterovirus	Coxsackievirus Group B type 1	PCR	Southern	Mouth	18/09/2017	35 Y/M	
Enterovirus	Coxsackievirus Group B type 4	Seq	Southern	NPA	20/09/2017	16/F	
Enterovirus	Echovirus type 30	PCR	Southern	CSF	24/09/2017	35 Y/M	
Enterovirus	Echovirus type 30	PCR	Southern	Swab	19/09/2017	1/M	
Enterovirus	Echovirus type 30	PCR	MidCentral	Throat	22/09/2017	22/M	
Enterovirus	Echovirus type 30	PCR	Taranaki	CSF	18/09/2017	37/M	
Mumps		PCR	Auckland	Buccal swab	05/10/2017	19/F	
Mumps		PCR	Auckland	Buccal swab	07/10/2017	17/M	
Mumps		PCR	Auckland	Buccal swab	10/10/2017	18/M	Parotid swelling
Mumps		PCR	Auckland	Buccal swab	10/10/2017	22/M	

Mumps		PCR	Auckland	Buccal swab	11/10/2017	19/F	Parotid swelling
Mumps		PCR	Auckland	Buccal swab	12/10/2017	23/M	
Mumps		PCR	Auckland	Mouth	06/10/2017	1/M	Mumps contact
Mumps		PCR	Auckland	Mouth	12/10/2017	18/M	Parotid swelling
Mumps		IgM, PCR	Canterbury	Serum, swab	10/10/2017	20/F	
Mumps		IgM	Counties Manukau	Serum	06/10/2017	34/F	Neck swelling
Mumps		IgM	Counties Manukau	Serum	10/10/2017	20/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	05/10/2017	22/M	
Mumps		PCR	Counties Manukau	Buccal swab	06/10/2017	14/M	Parotid swelling Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	06/10/2017	15/F	Mumps contact
Mumps		PCR	Counties Manukau	Buccal swab	06/10/2017	17/F	
Mumps		PCR	Counties Manukau	Buccal swab	06/10/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	07/10/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	09/10/2017	14/M	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	09/10/2017	20/M	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	09/10/2017	28/M	
Mumps		PCR	Counties Manukau	Buccal swab	09/10/2017	31/F	Facial swelling
Mumps		PCR	Counties Manukau	Buccal swab	10/10/2017	12/M	
Mumps		PCR	Counties Manukau	Buccal swab	10/10/2017	16/M	
Mumps		PCR	Counties Manukau	Buccal swab	10/10/2017	20/F	
Mumps		PCR	Counties Manukau	Buccal swab	10/10/2017	21/M	Facial swelling
Mumps		PCR	Counties Manukau	Buccal swab	11/10/2017	14/F	
Mumps		PCR	Counties Manukau	Buccal swab	11/10/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	11/10/2017	25/M	Jaw swelling
Mumps		PCR	Counties Manukau	Buccal swab	11/10/2017	25/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	12/10/2017	13/M	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	09/10/2017	17/M	
Mumps		PCR	Counties Manukau	Mouth	09/10/2017	34/F	Parotid swelling Mumps contact
Mumps		PCR	Counties Manukau	Mouth	10/10/2017	21/F	Parotid swelling
Mumps		PCR	Counties Manukau	Mouth	11/10/2017	14/M	
Mumps		PCR	Counties Manukau	Mouth	12/10/2017	15/F	
Mumps		PCR	Counties Manukau	Mouth	12/10/2017	16/M	
Mumps		PCR	Northland	Mouth	06/10/2017	25/M	
Mumps		PCR	Waikato	Buccal swab	07/10/2017	17/F	
Mumps		PCR	Waitemata	Buccal swab	09/10/2017	20/F	Facial swelling
Mumps		PCR	Waitemata	Buccal swab	12/10/2017	12/M	
Mumps		PCR	Waitemata	Buccal Swab	05/10/2017	18/M	Parotid swelling
Mumps		PCR	Waitemata	Swab	12/10/2017	14/M	Parotitis

NPA Nasopharyngeal Aspirate
IgM IgM ELISA
Seq PCR sequencing

NPS Nasopharyngeal Swab
CSF Cerebrospinal Fluid
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, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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