

VIROLOGY WEEKLY REPORT

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

2017/43 5 December 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 23/10/2017 - 29/10/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1				3	3		7
Influenza A H1N1 pdm09		1		7				8
Influenza A H3N2		1		32				33
Influenza B	2	1	1	11	2			17
Astrovirus						1		1
Metapneumovirus (HMPV)	3	7	2			4		16
Mycoplasma pneumoniae							1	1
Norovirus				15		9		24
Parainfluenza 1	1							1
Parainfluenza 3	4	3	1	1		4		13
Parvovirus						2		2
Picornavirus		29					2	31
Respiratory Syncytial Virus (RSV)	1	1		1		4		7
Rhinovirus	9			8	2	10		29
Rotavirus	1					1		2
Sapovirus						4		4
Varicella Zoster Virus (VZV)	15		5		6	8	6	40
Adenovirus	4	7	1		1	3		16
Enterovirus	2	3	4	7		5	3	24
Measles	2							2
Mumps	46					1		47

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 Group A type 6	Seq	Southern	Throat	05/09/2017	21/F	Fever, sore throat
Enterovirus	Coxsackievirus Group A type 21	Seq	Counties Manukau	NPS	04/09/2017	69/M	
Enterovirus	Enterovirus type 68	Seq	Canterbury	Swab	11/09/2017	34/F	
Measles		PCR	Counties Manukau	Swab	19/10/2017	0.75/F	Rash
Measles		PCR	Counties Manukau	Swab	25/10/2017	47/F	
Mumps		PCR	Auckland	Buccal swab	20/10/2017	25/M	Parotid swelling
Mumps		PCR	Auckland	Buccal swab	20/10/2017	43/M	
Mumps		PCR	Auckland	Buccal swab	24/10/2017	22/M	Swelling
Mumps		PCR	Auckland	Buccal swab	24/10/2017	24/F	Parotid swelling
Mumps		PCR	Auckland	Buccal swab	25/10/2017	22/M	
Mumps		PCR	Auckland	CSF	25/10/2017	20/M	Headache, photophobia
Mumps		PCR	Auckland	Mouth	24/10/2017	16/F	Mandibular swelling
Mumps		PCR	Auckland	Swab	23/10/2017	23/F	
Mumps		PCR	Auckland	Throat	26/10/2017	22/M	
Mumps		PCR	Auckland	Urine	23/10/2017	25/F	Parotid Swelling
Mumps		PCR	Auckland	Urine	26/10/2017	20/M	
Mumps		IgM	Canterbury	Serum	24/10/2017	19/M	
Mumps		IgM	Counties Manukau	Serum	20/10/2017	21/M	Parotid Swelling
Mumps		IgM	Counties Manukau	Serum	24/10/2017	12/M	
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2017	13/M	
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2017	18/F	Mandibular swelling
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2017	24/M	
Mumps		PCR	Counties Manukau	Buccal swab	20/10/2017	13/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	20/10/2017	44/M	
Mumps		PCR	Counties Manukau	Buccal swab	23/10/2017	24/M	
Mumps		PCR	Counties Manukau	Buccal swab	23/10/2017	25/F	
Mumps		PCR	Counties Manukau	Buccal swab	24/10/2017	32/F	Parotid swelling
Mumps		PCR	Counties Manukau	Buccal swab	24/10/2017	5/M	Cheek swelling
Mumps		PCR	Counties Manukau	Buccal swab	25/10/2017	19/M	
Mumps		PCR	Counties Manukau	Buccal swab	25/10/2017	23/M	
Mumps		PCR	Counties Manukau	Buccal swab	26/10/2017	20/M	
Mumps		PCR	Counties Manukau	Buccal swab	26/10/2017	25/F	
Mumps		PCR	Counties Manukau	CSF	25/10/2017	20/F	
Mumps		PCR	Counties Manukau	Mouth	24/10/2017	5/M	Mandibular swelling
Mumps		PCR	Counties Manukau	Mouth	25/10/2017	10/F	
Mumps		PCR	Counties Manukau	Swab	23/10/2017	28/F	Cheek swelling
Mumps		PCR	Counties Manukau	Swab	25/10/2017	17/M	
Mumps		PCR	Counties Manukau	Throat	23/10/2017	11/M	
Mumps		PCR	Counties Manukau	Throat	25/10/2017	21/F	Parotid swelling

Mumps		IgM	Northland	Serum	18/10/2017	22/F	Tonsil & gland swelling
Mumps		IgM	Northland	Serum	24/10/2017	22/M	
Mumps		PCR	Waikato	Buccal swab	17/10/2017	18/M	
Mumps		PCR	Waikato	Buccal swab	19/10/2017	11/M	Parotid swelling
Mumps		IgM	Waitemata	Serum	19/10/2017	45/M	
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	21/F	Cheek swelling
Mumps		PCR	Waitemata	Buccal swab	19/10/2017	22/M	Fever
Mumps		PCR	Waitemata	Buccal swab	20/10/2017	82/M	
Mumps		PCR	Waitemata	Buccal swab	24/10/2017	23/M	
Mumps		PCR	Waitemata	Throat	19/10/2017	12/M	
Mumps		PCR	Waitemata	Throat	19/10/2017	28/F	Parotid swelling
Mumps		PCR	Waitemata	Throat	21/10/2017	20/M	
Mumps		PCR	Waitemata	Throat	24/10/2017	25/F	

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR sequencing

NPS Nasopharyngeal Swab
 CSF Cerebrospinal Fluid
 PCR Polymerase Chain Reaction

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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