

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 17/10/2016 - 23/10/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	2				3	3			8
Influenza A H3N2	4	9	1		1		1		16
Influenza B	1	4	1	1	9	1	2		19
Astrovirus							3		3
Bocavirus							2		2
Coronavirus							1		1
Metapneumovirus (HMPV)	3	12	4		14			1	34
Mycoplasma pneumoniae			1						1
Norovirus					14		6		20
Parainfluenza type 2					2				2
Parainfluenza type 3	4	9			5		3	1	22
Picornavirus		27						2	29
Respiratory Syncytial Virus (RSV)	1	3	2		2	1			9
Rhinovirus	9				19	1	15		44
Rotavirus	1					2			3
Sapovirus							4		4
Varicella Zoster Virus (VZV)	15	2	7			7		1	32
Adenovirus	8	10	1		3		3		25
Enterovirus	7		1		9	2	3	1	23
Mumps	1								1

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 4	Seq	Southern	NPA	23/09/2016	2Y/F	URTI
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Leg	22/09/2016	10M/F	?HFMD
Enterovirus	Coxsackievirus Group A type 6	Seq	Nelson Marlborough	Face	21/09/2016	1Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Southern	Foot and Face	28/09/2016	1Y/M	
Enterovirus	Coxsackievirus Group B type 3	Seq	Counties Manukau	CSF	26/09/2016	24D/F	
Enterovirus	Echovirus type 9	Seq	Lakes	CSF	28/09/2016	30Y/M	
Enterovirus	Echovirus type 9	Seq	Southern	NPA	23/09/2016	3Y/M	
Enterovirus	Echovirus type 33	Seq	Hawke's Bay	Throat	15/09/2016	24Y/F	
Mumps		PCR	Counties Manukau	Buccal swab	19/10/2016	21Y/F	

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

PCR Polymerase chain reaction
CSF Cerebrospinal Fluid

Thank you to all who have participated in this year's Influenza Surveillance network. Please note that the Influenza Surveillance is now finished. Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of November.

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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