

# VIROLOGY WEEKLY REPORT

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

2018/29 25 July 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 16/07/2018 - 22/07/2018

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	18		25	7	7	10			7
Influenza A H1N1 pdm09		26			4		8		38
Influenza A H3N2		8							8
Influenza B		1	2				2		5
Astrovirus							3		3
Bocavirus							2		2
Coronavirus			1						1
Metapneumovirus (HMPV)	4	9	1		1		7		22
Mycoplasma pneumoniae							3		3
Norovirus					13		14		27
Parainfluenza 1	3	3			1		3		10
Parainfluenza 3	2	1			1		1	1	6
Parainfluenza 4							4		4
Parechovirus							1		1
Picornavirus		21						3	24
Respiratory Syncytial Virus (RSV)	19	20	31	8	5	23	29	4	139
Rhinovirus	13				13		23		49
Sapovirus							6		6
Varicella Zoster Virus (VZV)	21	1	6			3	12	4	47
Adenovirus	2	3	2				3	5	15
Enterovirus	1	4			1		2	3	11
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	Echovirus type 5	Seq	Counties Manukau	CSF	25/06/2018	18/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	CSF	01/07/2018	27/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPA	16/06/2018	1M/F	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPA	23/06/2018	1/M	
Enterovirus	Enterovirus type 68	Seq	Counties Manukau	NPS	23/06/2018	49/M	
Enterovirus	Enterovirus type C109	Seq	Counties Manukau	NPS	15/06/2018	42/F	
Mumps		IgM	Northland	Serum	13/07/2018	34/F	

NPA Nasopharyngeal Aspirate  
 IgM IgM ELISA  
 Seq PCR & Sequencing

NPS Nasopharyngeal Swab  
 CSF Cerebrospinal Fluid

NOTE: During April to September 2018, 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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