

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 22/08/2016 - 28/08/2016

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	28			4	27	15	1		75
Influenza A H1N1 pdm09		10					6		16
Influenza A H3N2		23	1		1	3	50	5	83
Influenza B	1	1			3		2		7
Astrovirus							3		3
Bocavirus							11		11
Coronavirus							13		13
Metapneumovirus (HMPV)	3	13	5		6				27
Mycoplasma pneumoniae			4						4
Norovirus					21		17		38
Parainfluenza 1	1	1							2
Parainfluenza 2					1				1
Parainfluenza 3	4	2			2		2		10
Parainfluenza 4							1		1
Picornavirus		31						2	33
Respiratory Syncytial Virus (RSV)	10	5	16	10	6	4		3	54
Rhinovirus	20				15	1	34		70
Rotavirus						1			1
Sapovirus							2		2
Varicella Zoster Virus (VZV)	19	1	7			13		1	41
Adenovirus	9	1			1		3		14
Enterovirus	6	2	4		6		2		20

**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 6	Seq	Counties Manukau	CSF, NPA	21/07/2016	7M/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Lakes	Throat Swab	27/07/2016	2Y/M	?HFM
Enterovirus	Coxsackievirus Group A type 4	Seq	Southern	NPA	17/07/2016	1Y/M	
Enterovirus	Enterovirus type 68	Seq	Waitemata	NPS	10/07/2016	71Y/M	

NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

NPS Nasopharyngeal Swab  
CSF Cerebrospinal fluid

NOTE: During April to September 2016, 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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