

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 19/09/2016 - 25/09/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	19		5	7	14	17			62
Influenza A H1N1 pdm09							2		2
Influenza A H3N2		25	3				20	2	50
Influenza B	1	6			5	1	4		17
Astrovirus							4		4
Bocavirus							11		11
Coronavirus							6		6
Metapneumovirus (HMPV)	8	11	6		8				33
Mycoplasma pneumoniae			1				1		2
Norovirus					7		10		17
Parainfluenza 1	1	1							2
Parainfluenza 3	3	1			3		7		14
Picornavirus		29						6	35
Respiratory Syncytial Virus (RSV)	3	8	2	4	4	3		2	26
Rhinovirus	23				12	1	23		59
Rotavirus						4			4
Sapovirus							4		4
Varicella Zoster Virus (VZV)	22	2	3			6		12	45
Adenovirus	6	7			6		4	5	28
Enterovirus	4	1	1		1		5	2	14
Measles	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
Adenovirus	Type 1	Seq	Canterbury	NPS	17/08/2016	2Y/F	
Adenovirus	Type 1	Seq	Canterbury	NPS	17/08/2016	7M/M	
Adenovirus	Type 1	Seq	Southern	NPA	07/09/2016	13Y/M	Pneumonia
Adenovirus	Type 2	Seq	Southern	NPS	01/09/2016	4Y/M	Fever
Adenovirus	Type 3	Seq	Canterbury	NPS	02/09/2016	4Y/F	
Adenovirus	Type 4	Seq	Canterbury	NPS	02/09/2016	32Y/M	
Adenovirus	Type 7	Seq	Southern	NPS	15/08/2016	7M/M	Bronchiolitis
Adenovirus	Type 11	Seq	Counties Manukau	Urine	28/08/2016	16Y/F	
Measles		PCR	Auckland	NPS	23/09/2016	28Y/M	

Seq PCR sequencing
NPS Nasopharyngeal Swab

PCR Polymerase chain reaction
NPA Nasopharyngeal aspirate

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. 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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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