

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 15/08/2016 - 21/08/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	16			2	22		3		43
Influenza A H1N1 pdm09		4	1		4	2	5		16
Influenza A H3N2		10			1	18	73	7	109
Influenza B		1			7	1	5		14
Astrovirus							5		5
Bocavirus							6		6
Coronavirus							25		25
Metapneumovirus (HMPV)	9	12	6		10			1	38
Mycoplasma pneumoniae			1						1
Norovirus					5		30		35
Parainfluenza 1		1			3	1			5
Parainfluenza 2								1	1
Parainfluenza 3	2	3			3		3	1	12
Parainfluenza 4							1		1
Picornavirus		29						2	31
Respiratory Syncytial Virus (RSV)	15	12	8	9	13	6		5	68
Rhinovirus	14				21	2	19		56
Rotavirus						3	1		4
Sapovirus					4		4		8
Varicella Zoster Virus (VZV)	15		5			11		7	38
Adenovirus	6	2	1		3	2	8	2	24
Enterovirus	7	2	2		2	2	2		17
Measles	2								2

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 2	Seq	Counties Manukau	Eye	10/07/2016	10M/F	
Adenovirus	Type 2	Seq	Counties Manukau	NPA	09/07/2016	6M/M	
Adenovirus	Type 2	Seq	Counties Manukau	NPA	20/07/2016	2Y/M	
Adenovirus	Type 2	Seq	Counties Manukau	NPS	05/07/2016	10M/F	
Adenovirus	Type 2	Seq	Southern	NPA	08/07/2016	6M/F	Cough
Adenovirus	Type 7	Seq	Southern	Eye	14/07/2016	33Y/M	
Adenovirus	Type 7	Seq	Southern	Sputum	28/07/2016	45Y/F	
Adenovirus	Type 7	Seq	Waikato	Eye	05/07/2016	26Y/F	
Adenovirus	Type 7	Seq	Canterbury	NPS	06/07/2016	34Y/F	
Measles		PCR	Auckland	NPS	13/08/2016	25Y/F	
Measles		PCR	Auckland	Swab	15/08/2016	1Y/M	Rash

PCR Polymerase chain reaction
Seq PCR sequencing

NPS Nasopharyngeal Swab

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.

Edited by: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz