

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 14/09/2015 - 20/09/2015

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								TOTAL
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	
Influenza A	7			1	10	5			23
Influenza A H3N2	1	10	1		8		27	3	50
Influenza B	38	38	10	12	81	17	16		212
Bocavirus							4		4
Metapneumovirus	15	15	5		26		19	1	81
Mycoplasma pneumoniae			1			1	2		4
Parainfluenza 1		1					1		2
Parainfluenza 2			1		3		2		6
Parainfluenza 3	22	13			25	1	17	2	80
Parainfluenza 4							1		1
Picornavirus		37						4	41
Respiratory Syncytial Virus (RSV)	9	5	5	5	35	2	8	1	70
Rhinovirus	33				40	3	32		108
Rotavirus	3								3
Varicella Zoster Virus (VZV)	20		10			10	8	6	54
Adenovirus	16	28	4		29	1	3	1	82
Enterovirus	5		6		2				13
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
Adenovirus	Type 1	Seq	Counties Manukau	NPA	17/08/2015	8M/F	
Adenovirus	Type 1	Seq	Counties Manukau	NPA	19/08/2015	1Y/F	
Adenovirus	Type 1	Seq	Counties Manukau	NPS	17/08/2015	1M/M	
Adenovirus	Type 2	Seq	Canterbury	NPS	22/08/2015	1Y/M	Fever
Adenovirus	Type 2	Seq	South Canterbury	NPS	22/08/2015	10M/F	
Adenovirus	Type 3	Seq	Canterbury	Nasal	05/09/2015	23Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	Eye	04/08/2015	1Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	11/01/2015	5M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	10/08/2015	1Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	14/08/2015	6M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	15/08/2015	5M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	18/08/2015	1Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	20/08/2015	1Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	Throat	16/08/2015	3Y/M	
Adenovirus	Type 7	Seq	Tairāwhiti	Swab	02/09/2015	11Y/F	Pneumonia
Adenovirus	Type 7	Seq	Waikato	Eye	10/08/2015	25Y/F	Conjunctivitis
Adenovirus	Type 7	Seq	Waikato	Eye	12/08/2015	1Y/F	
Adenovirus	Type 7	Seq	Waitemata	NPA	20/08/2015	5M/M	
Adenovirus	Type 11	Seq	Counties Manukau	Eye	08/08/2015	8Y/M	
Adenovirus	Type 19	Seq	Waikato	Eye	25/08/2015	20Y/M	
Adenovirus	Type 37	Seq	Canterbury	Penis	13/08/2015	57Y/M	
Mumps		IgM	Auckland	Serum	14/09/2015	5Y/F	

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

NPS Nasopharyngeal Swab
Seq PCR sequencing

NOTE: During April to September 2015, 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

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