

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 31/08/2015 - 06/09/2015

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	26		1	2	37	8			74
Influenza A H1N1					1				1
Influenza A H3N2	5	16			18		19	1	59
Influenza B	67	40	11		82	28	61	5	294
Bocavirus							3		3
Metapneumovirus	22	11	5		19		14	4	75
Mycoplasma pneumoniae						1	1		2
Parainfluenza 2	1				5		3		9
Parainfluenza 3	10	8			26	2	10	1	57
Parainfluenza 4							2		2
Picornavirus		29						4	33
Respiratory Syncytial Virus (RSV)	22	19	12	5	36	1	6	2	103
Rhinovirus	23				15	3	29		70
Rotavirus	4						2		6
Varicella Zoster Virus (VZV)	11		7			2	9	4	33
Adenovirus	23	16	1		19	2	7		68
Enterovirus	4				5	1			10

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	NPS	30/07/2015	8M/M	
Adenovirus	Type 2	Seq	Canterbury	NPS	14/08/2015	1Y/F	
Adenovirus	Type 2	Seq	Canterbury	NPS	14/08/2015	2Y/M	
Adenovirus	Type 2	Seq	Canterbury	Swab	07/08/2015	4M/F	Bronchitis
Adenovirus	Type 2	Seq	Counties Manukau	NPA	21/07/2015	1M/F	
Adenovirus	Type 4	Seq	Waikato	Eye	03/08/2015	61Y/M	Conjunctivitis
Adenovirus	Type 7	Seq	Waikato	Eye	03/08/2015	26Y/F	
Adenovirus	Type 7	Seq	Waikato	Eye	06/08/2015	20Y/F	
Adenovirus	Type 7	Seq	Waikato	Eye	12/08/2015	10M/M	
Adenovirus	Type 7	Seq	Canterbury	NPS	05/08/2015	1Y/M	
Adenovirus	Type 7	Seq	Canterbury	Tracheal Aspirate	14/08/2015	1Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	01/08/2015	3Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	22/07/2015	7M/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	27/07/2015	41Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	30/07/2015	35Y/F	
Adenovirus	Type 19	Seq	Counties Manukau	Eye	26/07/2015	5M/F	
Adenovirus	Type 37	Seq	Waikato	Eye	06/08/2015	54Y/M	

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

NPS Nasopharyngeal Swab

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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