

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 25/01/2016 - 31/01/2016

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3				1			4
Influenza A H1N1 pdm09		1						1
Influenza A H3N2				1		1		2
Influenza B				2				2
Metapneumovirus	2			1				3
Mycoplasma pneumoniae					1			1
Parainfluenza 1		1						1
Parainfluenza 3	1							1
Picornavirus		8						8
Respiratory Syncytial Virus (RSV)	2			1				3
Rhinovirus	3			3		5		11
Rotavirus	1		2			1		4
Varicella Zoster Virus (VZV)	16	3	5		4	4	1	33
Adenovirus	7	6	3	14		4		34
Enterovirus	2		4				1	7

**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	Waitemata	NPA	01/12/2015	1M/F	
Adenovirus	Type 1	Seq	Canterbury	NPS	19/12/2015	1Y/M	Fever, seizures
Adenovirus	Type 1	Seq	Counties Manukau	Aspirate	27/12/2015	1Y/M	
Adenovirus	Type 2	Seq	Counties Manukau	NPA	07/01/2016	1Y/F	
Adenovirus	Type 3	Seq	Counties Manukau	Throat	03/12/2015	7Y/M	
Adenovirus	Type 3	Seq	Counties Manukau	NPS	07/12/2015	3Y/M	
Adenovirus	Type 3	Seq	Canterbury	NPS	14/12/2015	11M/F	
Adenovirus	Type 3	Seq	Counties Manukau	NPA	17/12/2015	4Y/F	
Adenovirus	Type 3	Seq	Counties Manukau	NPA	19/12/2015	13Y/F	
Adenovirus	Type 3	Seq	Canterbury	NPS	21/12/2015	1Y/F	
Adenovirus	Type 3	Seq	Counties Manukau	NPS	21/12/2015	64Y/M	
Adenovirus	Type 3	Seq	Counties Manukau	Nasal	24/12/2015	2Y/M	
Adenovirus	Type 3	Seq	Counties Manukau	Eye	01/01/2016	2M/F	
Adenovirus	Type 3	Seq	Taranaki	NPS	08/01/2016	21Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	Sputum	14/09/2015	19Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	Sputum	29/09/2015	24Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	Sputum	16/10/2015	44Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	Sputum	31/10/2015	24Y/M	
Adenovirus	Type 7	Seq	Waitemata	NPA	28/11/2015	1Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	Swab	30/11/2015	6Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	01/12/2015	3M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	01/12/2015	3Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	03/12/2015	1Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	04/12/2015	7Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	06/12/2015	15Y/M	
Adenovirus	Type 7	Seq	Bay of Plenty	NPS	13/12/2015	10M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	13/12/2015	5Y/M	
Adenovirus	Type 7	Seq	MidCentral	Swab	16/12/2015	11M/F	
Adenovirus	Type 7	Seq	Waikato	Eye	16/12/2015	51Y/F	Conjunctivitis
Adenovirus	Type 7	Seq	Whanganui	NPS	19/12/2015	75Y/M	
Adenovirus	Type 7	Seq	Canterbury	Swab	21/12/2015	10M/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPS	21/12/2015	49Y/M	
Adenovirus	Type 7	Seq	Canterbury	NPS	22/12/2015	8M/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	26/12/2015	1Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	30/12/2015	4M/M	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	31/12/2015	9M/F	
Adenovirus	Type 7	Seq	Lakes	Eye	31/12/2015	42Y/M	Conjunctivitis
Adenovirus	Type 7	Seq	Counties Manukau	Swab	03/01/2016	55Y/F	
Adenovirus	Type 7	Seq	MidCentral	NPA	07/01/2016	5M/M	Bronchitis, pneumonia

Adenovirus	Type 7	Seq	Waikato	Eye	07/01/2016	31Y/F	
Adenovirus	Type 7	Seq	Waikato	Eye	08/01/2016	26Y/F	
Adenovirus	Type 7	Seq	Canterbury	NPS	11/01/2016	1Y/M	
Adenovirus	Type 7	Seq	MidCentral	Cornea	11/01/2016	45Y/M	
Adenovirus	Type 7	Seq	MidCentral	Swab	12/01/2016	13Y/M	Cough
Adenovirus	Type 28*	Seq	Counties Manukau	Sputum	30/07/2015	79Y/F	
Adenovirus	Type 37	Seq	Canterbury	Eye	13/12/2015	36Y/M	

NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

NPS Nasopharyngeal Swab

\* This is the first time that Adenovirus Type 28 had been identified in New Zealand. This patient have COPD, severe emphysema, URTI, shortness of breath and fever. Unknown travel history and unknown transmission among close contact. There are very limited publications about this adenovirus serotype.

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Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR

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