

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 02/05/2016 - 08/05/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	2			1		2			5
Influenza A H1N1 pdm09		1			6				7
Influenza A H3N2		1					1		2
Influenza B		1		1					2
Human Metapneumovirus		1							1
Mycoplasma							1		1
Parainfluenza 1	1				2				3
Parainfluenza 3	1								1
Picornavirus		20						3	23
Respiratory Syncytial Virus (RSV)	4	6	5		2			1	18
Rhinovirus	10				6	1	1		18
Sapovirus							1		1
Varicella Zoster Virus (VZV)	15	2	4			10		3	34
Adenovirus	8	3			10		4		25
Enterovirus	2	1			3			1	7
Measles			6						6
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			NPA	23/04/2016	0.7/M	
Adenovirus	Type 22	PCR	Bay of Plenty	Eye Swab	19/03/2016	58/M	eye infection ?adenovirus
Adenovirus	Type 2	PCR and Seq	Canterbury	Nasopharynx Swab	11/04/2016	2M/F	
Adenovirus	Type 7	PCR and Seq	Canterbury	Eye Swab	05/02/2016	17Y/M	
Adenovirus	Type 7	PCR and Seq	Canterbury	Nasopharynx Swab	09/03/2016	42Y/F	Conjunctivitis
Adenovirus	Type 7	PCR and Seq	Canterbury	Nasopharynx Swab	30/03/2016	5Y/M	
Adenovirus	Type 7	PCR and Seq	Canterbury	Nasopharynx Swab	08/04/2016	1Y/M	
Adenovirus	Type 7	PCR and Seq	Canterbury	Swab	25/02/2016	72Y/M	
Adenovirus	Type 8	PCR and Seq	Canterbury	Conjunctiva Swab	03/03/2016	21Y/M	Conjunctivitis
Adenovirus	Type 2	PCR and Seq	Counties Manukau	Nasopharynx Aspirate	01/04/2016	7M/F	
Adenovirus	Type 4		Counties Manukau	SSNS	29/03/2016	74/M	
Adenovirus	Type 4	PCR	Counties Manukau	NPS	25/03/2016	71.8/M	
Adenovirus	Type 4	PCR and Seq	Counties Manukau	Sputum	13/03/2016	33Y/F	
Adenovirus	Type 7	PCR and Seq	Hawke's Bay	Swab	16/03/2016	1Y/F	Pneumonia
Adenovirus	Type 19	PCR	Lakes	Eye Swab	10/03/2016	58/M	1 wk severe conjunctivitis treated w topical AB
Adenovirus	Type 8	PCR and Seq	Nelson Marlborough	Eye Swab	11/04/2016	15Y/M	
Adenovirus	Type 7	PCR and Seq	Southern	Bronchial Aspirate	29/02/2016	59Y/M	Pneumonia
Adenovirus	Type 8	PCR	Southern	swab OF LEFT EYE	08/03/2016	19Y/F	
Adenovirus	Type 14	PCR	Waikato	Eye Swab	17/03/2016	11/F	conjunctivitis + fever
Enterovirus	Echovirus type 18	Seq	Counties Manukau	Nasopharynx Aspirate	25/03/2016	24D/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Hawke's Bay	Swab		1Y/F	
Measles		serology ELISA	Waikato	Serum	30/04/2016	17/F	measles serology contact
Measles		serology ELISA	Waikato	Serum	30/04/2016	23m/F	measles serology
Measles		serology ELISA	Waikato	Serum	01/05/2016	11/M	Fully immunised child with morbiliform rash lasting 3 days
Measles		serology ELISA	Waikato	Serum	03/05/2016	22/F	? Measles
Measles		serology	Waikato	Serum	03/05/2016	36/F	clinically measles

		ELISA					
Measles		serology ELISA	Waikato	Serum	04/05/2016	7m/M	probable measles
Mumps		IgM	MidCentral		03/05/2016	47/F	

Seq PCR sequencing
NPS Nasopharyngeal Swab
ELISA Enzyme-linked immunosorbent assay

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, and Dunedin Hospital and ESR

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