

# VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 17/08/2015 - 23/08/2015

## PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	46		9	5	51	23	2		136
Influenza A H1N1 pdm09							3		3
Influenza A H3N2	2	33					38	5	78
Influenza B	35	33	12		66	19	83	10	258
Bocavirus							3		3
Metapneumovirus	8	2	3		8		14	2	37
Mycoplasma pneumoniae							2		2
Parainfluenza 1							1		1
Parainfluenza 2	1	1			1		2		5
Parainfluenza 3	22	12			4	1	14	3	56
Picornavirus		40						3	43
Respiratory Syncytial Virus (RSV)	15	20	16	34	22	10	12	6	135
Rhinovirus	23				7	2	27		59
Rotavirus							1		1
Varicella Zoster Virus (VZV)	19		1			4	6	1	31
Adenovirus	10	13	3		20	1	9		56
Enterovirus	4					4			8
Measles	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	11/07/2015	3Y/F	
Adenovirus	Type 1	Seq	Waikato	Eye	21/07/2015	39Y/F	Conjunctivitis
Adenovirus	Type 2	Seq	Canterbury	NPS	31/07/2015	1Y/F	
Adenovirus	Type 3	Seq	Canterbury	Eye	29/07/2015	57Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	Canterbury	Swab	31/07/2015	4Y/M	Fever, lymphadenopathy
Adenovirus	Type 3	Seq	Canterbury	Swab	24/07/2015	40Y/M	Flu-Like Illness
Adenovirus	Type 7	Seq	Waitemata	NPS	07/07/2015	19Y/M	
Adenovirus	Type 7	Seq	Taranaki	NPA	27/07/2015	1Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	07/07/2015	1Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	18/07/2015	2Y/F	
Adenovirus	Type 7	Seq	Counties Manukau	NPA	18/07/2015	7M/M	
Adenovirus	Type 7	Seq	Counties Manukau	Throat	06/07/2015	21Y/M	
Adenovirus	Type 7	Seq	Counties Manukau	Urine	16/07/2015	17Y/F	
Adenovirus	Type 37	Seq	South Canterbury	Eye	27/07/2015	17Y/F	Conjunctivitis
Adenovirus	Type 37	Seq	Southern	Eye	03/08/2015	31Y/F	
Adenovirus	Type 37	Seq	Canterbury	Eye	08/07/2015	?/M	
Measles		IgM	Auckland	Serum	19/08/2015	10Y/F	Fever with rash

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](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](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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