

## VIROLOGY WEEKLY REPORT

2013/36 13 September 2013

A summary of laboratory-diagnosed viral infections of interest for the week of 02/09/2013 - 08/09/2013

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	11	1	51		63
Influenza A H1N1 swl	3		1	10	14
Influenza A H3N2	31		4	2	37
Influenza B	19	3	34	18	74
Bocavirus				2	2
Coronavirus				6	6
Metapneumovirus	2	1		4	7
Mycoplasma Pneumoniae		1		4	5
Parainfluenza 1	1			1	2
Parainfluenza 2	1			3	4
Parainfluenza 3	9	1	1	2	13
Parainfluenza 4				1	1
Picornavirus	38				38
Respiratory Syncytial Virus (RSV)	19	7	3	13	42
Rhinovirus	2		35	18	55
Rotavirus	2	3	1	2	8
Varicella Zoster Virus (VZV)	3	5	3	7	18
Adenovirus	18	2	19	2	41
Enterovirus	7	2	9		18
Mumps	2			1	3

### TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 1	Seq	SA	Nasopharynx	26.7.2013	7 M/M	
Adenovirus	Type 1	Seq	CA	Nasopharynx	27.7.2013	6 M/F	
Adenovirus	Type 1	Seq	CB	Nasopharynx	27.7.2013	1 Y/F	
Adenovirus	Type 1	Neut	CA	NPA	10.8.2013	5M/M	
Adenovirus	Type 1	Seq	WK	Faeces	25.7.2013	1 Y/M	
Adenovirus	Type 1	Seq	WK	Faeces	17.7.2013	1 Y/F	Sore tummy
Adenovirus	Type 2	Seq	WK	Nasal	26.6.2013	7M/F	Bronchiolitis
Adenovirus	Type 2	Seq	SA	Nasopharynx	31.7.2013	4 M/M	
Adenovirus	Type 2	Seq	WK	Faeces	13.7.2013	4 M/M	
Adenovirus	Type 2	Seq	SA	Nasopharynx	28.7.2013	2 M/F	
Adenovirus	Type 2	Seq	WK	Nasal	04.8.2013	3 Y/M	
Adenovirus	Type 3	Seq	WK	Eye	02.8.2013	3 Y/M	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Eye	31.7.2013	43 Y/F	Persistent eye redness, discharge and itch
Adenovirus	Type 3	Seq	WK	Eye	22.7.2013	40 Y/M	
Adenovirus	Type 3	Seq	WK	Nasal	23.7.2013	2 M/M	
Adenovirus	Type 3	Seq	WK	Eye	29.7.2013	25 Y/F	Conjunctivitis
Adenovirus	Type 3	Seq	WK	Nasal	23.7.2013	5 Y/M	
Adenovirus	Type 3	Seq	CB	Eye	07.8.2013	10 Y/M	
Adenovirus	Type 3	Seq	WK	Eye	30.7.2013	40 Y/M	
Adenovirus	Type 3	Seq	WK	Nasal	02.8.2013	1 Y/M	
Adenovirus	Type 3	Seq	CB	Nasopharynx	28.7.2013	2 Y/F	

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 4	Seq	WK	Eye	07.8.2013	27 Y/F	Conjunctivitis
Adenovirus	Type 4	Seq	WK	Eye	24.7.2013	5 M/M	
Adenovirus	Type 6	Seq	SA	Sputum	22.7.2013	64 Y/M	
Adenovirus	Type 8	Seq	WK	Eye	01.7.2013	54 Y/M	Conjunctivitis
Adenovirus	Type 37	Seq	CB	Eye	11.8.2013	21 Y/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	WK	Skin	02.8.2013	9M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	WK	Lip	02.8.2013	1Y/M	
Enterovirus	Echovirus type 6	Seq	SA	CSF	06.8.2013	4Y/F	
Enterovirus	Echovirus type 6	Seq	WK	Nasal	31.7.2013	6Y/M	
Enterovirus	Echovirus type 7	Seq	SA	CSF	09.8.2013	15Y/M	
Enterovirus	Echovirus type 9	Seq	SA	CSF	03.8.2013	28Y/M	
Enterovirus	Enterovirus type 71	Seq	SA	Nasopharynx	24.7.2013	3Y/F	
Mumps		IgM	CA	Serum	31.8.2013	51Y/F	
Mumps		IgM	CA	Serum	31.8.2013	3Y/F	
Mumps		IgM	CB	Serum	04.9.2013	50Y/F	

CA: Central Auckland      CB: Canterbury      OT: Otago      SA: South Auckland      WK: Waikato

Neut Neutralisation test      NPA Nasopharyngeal Aspirate      CSF Cerebrospinal Fluid  
Seq PCR sequencing      IgM IgM ELISA

**NOTE:**

During April to September 2013, 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).

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Data provided by Auckland labs (Labplus -Virology and Middlemore Hospital - Microbiology), Waikato Virology lab, Canterbury Health - Virology lab and Wellington labs (Wellington Hospital - Microbiology Lab and ESR).

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