



ISSN: 1173-1680 (Print)
ISSN: 1179-903X (Online)



VIROLOGY WEEKLY REPORT

2014/36 12 September 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 01/09/2014 - 07/09/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland labs	Waikato & BOP labs	Wellington labs	Christchurch lab	
Influenza A	35	33	21		89
Influenza A H1N1 pdm09	44		49	26	119
Influenza A H3N2	16		14	19	49
Influenza B	29	3	24	5	61
Bocavirus				9	9
Coronavirus				13	13
Metapneumovirus	14	4	14	4	36
Mycoplasma pneumoniae				2	2
Parainfluenza 3	5			4	9
Parainfluenza 4				2	2
Picornavirus	44				44
Respiratory Syncytial Virus (RSV)	33	23	19	14	89
Rhinovirus	7		23	22	52
Rotavirus	10	9	17	13	49
Varicella Zoster Virus (VZV)		6	6	9	21
Adenovirus	8		4	3	15
Enterovirus	5	1	5	1	12

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 2	Seq	SA	NPA	30.7.2014	3M/F	
Adenovirus	Type 3	Seq	WK	Nasal	04.8.2014	6Y/M	
Adenovirus	Type 3	Seq	CB	Eye	28.7.2014	40Y/F	
Adenovirus	Type 4	Seq	CB	Eye	29.7.2014	40Y/F	
Adenovirus	Type 7	Seq	SA	NPS	14.8.2014	45Y/F	
Adenovirus	Type 7	Seq	SA	NPA	08.8.2014	2Y/M	
Adenovirus	Type 7	Seq	SA	Swab	08.8.2014	44Y/M	

CB: Canterbury

SA: South Auckland

WK: Waikato

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

NPS Nasopharyngeal Swab

NOTE: During April to September 2014, 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 Auckland labs (Labplus -Virology and Middlemore Hospital - Microbiology), Waikato & BOP labs (Waikato and Pathlab-Tauranga), Canterbury Health-Virology lab and Wellington labs (Wellington Hospital- Microbiology Lab and ESR).

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