



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



VIROLOGY WEEKLY REPORT

2014/38 25 September 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 15/09/2014 - 21/09/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting Virus Identification				TOTAL
	Auckland labs	Waikato lab	Wellington labs	Christchurch lab	
Influenza A	9	20	28		57
Influenza A H1N1 pdm09	8		13	9	30
Influenza A H3N2	26		8	45	79
Influenza B	12	3	19		34
Bocavirus				4	4
Coronavirus				6	6
Metapneumovirus	12	2	15	2	31
Mycoplasma pneumoniae		1	1	6	8
Parainfluenza 1	2		1		3
Parainfluenza 3	8		1	5	14
Parainfluenza 4				3	3
Picornavirus	37	1			38
Respiratory Syncytial Virus (RSV)	21	13	13	11	58
Rhinovirus	15		24	10	49
Rotavirus	7	6	6	8	27
Varicella Zoster Virus (VZV)		9	2	7	18
Adenovirus	12	1	11	1	25
Enterovirus	5	2	4		11

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	CB	NPA	03.9.2014	7M/M	
Adenovirus	Type 1	Seq	CB	NPS	25.8.2014	2Y/M	Fever
Adenovirus	Type 1	Seq	SA	NPA	14.8.2014	3M/M	
Adenovirus	Type 2	Seq	SA	NPA	01.9.2014	8M/M	
Adenovirus	Type 3	Seq	SA	NPS	18.8.2014	15Y/M	
Adenovirus	Type 3	Seq	CB	Eye	14.8.2014	35Y/F	

CB: Canterbury

SA: South Auckland

NPA Nasopharyngeal Aspirate
NPS Nasopharyngeal Swab

Seq PCR sequencing

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 Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital, Middlemore hospital and ESR.

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