

VIROLOGY WEEKLY REPORT

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

2018/32 17 August 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 06/08/2018 - 12/08/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	21		35	15	18	8	1	98
Influenza A H1N1 pdm09	16	53		20		42	4	135
Influenza A H3N2	4	12		2		1	1	20
Influenza B	5	1		1	1	7		15
Astrovirus						5		5
Bocavirus						6		6
Metapneumovirus (HMPV)	17	19	1	2		14		53
Mycoplasma pneumoniae			3			4		7
Norovirus				10		13		23
Parainfluenza 1	2	8		3		2		15
Parainfluenza 3	2	9				5		16
Parainfluenza 4						2		2
Parechovirus						2		2
Picornavirus		38					5	43
Respiratory Syncytial Virus (RSV)	27	36	10	7	2	19	2	103
Rhinovirus	19		3	6	1	17		46
Rotavirus	4					2		6
Sapovirus						6		6
Varicella Zoster Virus (VZV)	23	2	5		4	14	4	52
Adenovirus	10	11	3	10		10	5	49
Enterovirus		4		1	1	3	6	15
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 2	Seq	Canterbury	NPS	28/07/2018	1/F	
Adenovirus	Type 2	Seq	Canterbury	NPS	30/07/2018	11M/F	
Adenovirus	Type 3	Seq	Southern	Eye Swab	27/07/2018	1/F	Conjunctivitis
Adenovirus	Type 4	Seq	Canterbury	NPA	21/07/2018	9/F	
Adenovirus	Type 4	Seq	Capital and Coast	Eye Swab	13/07/2018	31/M	Conjunctivitis
Adenovirus	Type 4	Seq	Capital and Coast	Eye Swab	25/07/2018	74/M	
Adenovirus	Type 4	Seq	Capital and Coast	Eye Swab	26/07/2018	28/M	Conjunctivitis
Adenovirus	Type 4	Seq	Capital and Coast	Eye Swab	26/07/2018	81/F	Conjunctivitis
Adenovirus	Type 4	Seq	Southern	Eye Swab	16/07/2018	52/M	Conjunctivitis, red eye
Adenovirus	Type 4	Seq	Southern	Swab	21/07/2018	40/F	Conjunctivitis
Mumps		PCR	Waitemata	Swab	07/08/2018	14/M	Right parotid gland swelling

NPA Nasopharyngeal Aspirate
Seq PCR & Sequencing

NPS Nasopharyngeal Swab
PCR Polymerase Chain Reaction

NOTE: During April to September 2018, 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's Clinical Virology and Enteric Viruses Laboratory.

Edited by: Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz