

VIROLOGY WEEKLY REPORT

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

2017/25 6 July 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 19/06/2017 - 25/06/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	41		7	7		24			79
Influenza A H1N1 pdm09		8					5	1	14
Influenza A H3N2		60			16		6	1	83
Influenza B	6	15	20	6	21	7	5	1	81
Astrovirus							1		1
Bocavirus							1		1
Metapneumovirus		1	5				13	1	20
Mycoplasma pneumoniae			1				2		3
Norovirus					16		7		23
Parainfluenza 2	2	3			2	1	1		9
Parainfluenza 3		11			5			1	17
Parainfluenza 4							3		3
Parechovirus							2		2
Parvovirus							1		1
Picornavirus		57						6	63
Respiratory Syncytial Virus (RSV)	15	33	14	9	18		8	2	99
Rhinovirus	11				28	1	19		59
Rotavirus							1		1
Sapovirus							8		8
Varicella Zoster Virus (VZV)	29	2	7			4	12	5	59
Adenovirus	6	10	1		4		8	1	30
Enterovirus	1	1			2	2	7		13
Mumps	6								6

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
Enterovirus	Coxsackievirus Group A type 10	Seq	Counties Manukau	NPA	20/05/2017	7M/M	
Enterovirus	Coxsackievirus Group A type 16	Seq	Southern	Swab	01/06/2017	9/F	
Enterovirus	Coxsackievirus Group A type 16	Seq	Waikato	Mouth swab	25/05/2017	4/M	Lesions, ulcers
Enterovirus	Coxsackievirus Group B type 5	Seq	Waikato	CSF	20/04/2017	2/F	Fever
Enterovirus	Echovirus type 30	Seq	Waikato	CSF	06/06/2017	39/M	Headache, meningitis
Mumps		PCR	Counties Manukau	Buccal swab	17/06/2017	12/F	Mumps contact in school
Mumps		PCR	Counties Manukau	Buccal swab	20/06/2017	12/F	Pain, swollen ear
Mumps		PCR	Counties Manukau	Mouth	20/06/2017	21/?	Adenopathy, swelling
Mumps		PCR	Counties Manukau	Swab	20/06/2017	12Y/F	
Mumps		PCR	Waitemata	Buccal swab	20/06/2017	10/F	Unilateral parotitis
Mumps		PCR	Waitemata	Buccal swab	20/06/2017	20/M	

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

PCR Polymerase Chain Reaction
CSF Cerebrospinal Fluid

NOTE: During April to September 2017, 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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

Edited by: Ben Waite and Judy Bocacao, Clinical Virology Laboratory, Health Program

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