

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 12/09/2016 - 18/09/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	15			4	12	19	1		51
Influenza A H1N1 pdm09		1	1		1		2		5
Influenza A H3N2		17	4		18		34	1	74
Influenza B			1	1	4	4	4		14
Astrovirus							5		5
Bocavirus							9		9
Coronavirus							9		9
Metapneumo Virus	9	17	3		11				40
Mycoplasma Pneumoniae							1		1
Norovirus					8		32		40
Parainfluenza 1							1		1
Parainfluenza 2		1							1
Parainfluenza 3	1	3			2		2	2	10
Parainfluenza 4							4		4
Parvovirus							1		1
Picornavirus		31						4	35
Respiratory Syncytial Virus (RSV)	3	6	9	7	7	5		2	39
Rhinovirus	15				13	2	24		54
Rotavirus						8			8
Varicella Zoster Virus (VZV)	22	4	4			9		2	41
Adenovirus	8	5			2	1	2		18
Enterovirus	5	6	4		7		5		27
Mumps	2								2

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 6	Seq	Counties Manukau	Swab	03/09/2016	2Y/F	
Enterovirus	Echovirus type 9	Seq	Counties Manukau	CSF	30/08/2016	55Y/F	
Enterovirus	Enterovirus type 68	Seq	Counties Manukau	NPA	24/08/2016	15D/M	
Mumps		PCR	Waitemata	Buccal swab	14/09/2016	13Y/M	
Mumps		PCR	Waitemata	Buccal swab	14/09/2016	16Y/F	

PCR Polymerase chain reaction
 NPA Nasopharyngeal Aspirate

CSF Cerebrospinal Fluid

NOTE: During April to September 2016, 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