

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 05/09/2016 - 11/09/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	14	1	1	7	22	25	2		72
Influenza A H1N1 pdm09		3					2		5
Influenza A H3N2		28	5		2		29	7	71
Influenza B	2	2			3		6		13
Astrovirus							3		3
Bocavirus							11		11
Coronavirus							8		8
Metapneumovirus (HMPV)	13	11	8		13				45
Mycoplasma pneumoniae			2						2
Norovirus					7		18		25
Parainfluenza 1		1					2		3
Parainfluenza 3	3	3	1		3		5		15
Picornavirus		30						6	36
Respiratory Syncytial Virus (RSV)	5	7	10	9	18	2		3	54
Rhinovirus	13					1	13		27
Rhinovirus					18				18
Rotavirus						2			2
Sapovirus							6		6
Varicella Zoster Virus (VZV)	23	1	6			8		4	42
Adenovirus	7	5			5	1	1	2	21
Enterovirus	4	2	4		4		4	2	20

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	Bay of Plenty	Skin Swab	16/08/2016	1Y/M	blistering rash in nappy, hands & feet
Enterovirus	Coxsackievirus Group A type 6	Seq	Counties Manukau	NPA	18/07/2016	11M/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin Swab	20/08/2016	1Y/F	

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

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