

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 30/05/2016 - 05/06/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	3				2	2			7
Influenza A H1N1 pdm09		4			1	2	2		9
Influenza A H3N2						2	14		16
Influenza B	1				1	1			3
Bocavirus							2		2
Coronavirus							7		7
Metapneumovirus (HMPV)		1			1		2		4
Mycoplasma pneumoniae			2				1		3
Parainfluenza 1	5	2			7			1	15
Parainfluenza 3		1							1
Parainfluenza 4							2		2
Picornavirus								3	3
Respiratory Syncytial Virus (RSV)	4	10	13	3	11	1	9	1	52
Rhinovirus	17	14			30	2	30		93
Rotavirus						1			1
Varicella Zoster Virus (VZV)	23	1	7			11	7	4	53
Adenovirus	11	3			5		6		25
Enterovirus	1	1	1		8			2	13
Measles							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	Echovirus type 18	Seq	Canterbury	Faeces	30/03/2016	2M/M	
Enterovirus	Echovirus type 18	Seq	Southern	Faeces	15/04/2016	2M/M	
Measles		IgM	MidCentral	Serum	30/05/2016	1Y/M	
Measles		IgM	MidCentral	Serum	01/06/2016	15Y/F	

IgM IgM ELISA

Seq PCR and 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

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