

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 27/06/2016 - 03/07/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	8			1	20	1			30
Influenza A H1N1 pdm09		4	1		3	2	1	1	12
Influenza A H3N2		1					53		54
Influenza B					3		3		6
Astrovirus							4		4
Bocavirus							1		1
Coronavirus							19		19
Metapneumovirus (HMPV)	2	3	1		8				14
Mycoplasma pneumonia							1		1
Norovirus			1		9		13		23
Parainfluenza 1	3	2			5		4	1	15
Parainfluenza 3	1	1			1				3
Parainfluenza 4							1		1
Picornavirus								5	5
Respiratory Syncytial Virus (RSV)	10	32	32	12	16	13		2	117
Rhinovirus	9	29			41		35		114
Sapovirus					6				6
Varicella Zoster Virus (VZV)	21	4	5			12		4	46
Adenovirus	8	4			11		7	2	32
Enterovirus	3		2				1		6
Measles	2		5				2		9
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
Measles		PCR	Auckland	Throat	27/06/2016	6M/M	Measles contact, rash
Measles		IgM	Auckland	Plasma	27/06/2016	10M/F	Viral exanthem
Measles		IgM	Canterbury	Serum	28/06/2016	U	
Measles		IgM	MidCentral	Serum	29/06/2016	14Y/F	
Measles		IgM	Waikato	Serum	27/06/2016	1Y/M	
Measles		IgM	Waikato	Serum	28/06/2016	6Y/M	Unimmunised, rash
Measles		IgM	Waikato	Serum	28/06/2016	8Y/M	Unimmunised, rash
Measles		IgM	Waikato	Serum	29/06/2016	19Y/M	? Glandular fever
Measles		IgM	Waikato	Serum	30/06/2016	27Y/M	Rash, conjunctivitis, cough and Koplik spots
Mumps		IgM	Canterbury	Serum	28/06/2016	U	
Mumps		IgM	Southern	Serum	29/06/2016	73Y/F	

IgM IgM ELISA

PCR Polymerase chain reaction

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.

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