

VIROLOGY WEEKLY REPORT

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

2017/28 31 July 2017

A Summary of Laboratory-diagnosed viral infections of interest for the week of 10/07/2017 - 16/07/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	57		26	27	5	45	2		162
Influenza A H1N1 pdm09		5			1		5		11
Influenza A H3N2		64			48		44	3	159
Influenza B	19	20	26	28	47	10	17	1	168
Bocavirus							7		7
Metapneumovirus	1	3	2		2		16	8	32
Mycoplasma pneumoniae			1				2		3
Norovirus					10		13		23
Parainfluenza 1	1	3							4
Parainfluenza 2		4				1	2		7
Parainfluenza 3	5	8			5		5		23
Parainfluenza 4							1		1
Parvovirus							1		1
Picornavirus		36						3	39
Respiratory Syncytial Virus (RSV)	17	36	20	19	17	8	28	3	148
Rhinovirus	16				9	4	16		45
Rotavirus	1								1
Sapovirus							12		12
Varicella Zoster Virus (VZV)	19	3	11			5	11	10	59
Adenovirus	6	3			6		7		22
Enterovirus	3	3				1	4	2	13
Mumps	6		4						10

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
Mumps		PCR	Counties Manukau	Buccal swab	12/07/2017	12/M	Parotid swelling
Mumps		PCR	Counties Manukau	Throat	08/07/2017	9/F	
Mumps		IgM	Waikato	Serum	10/07/2017	21Y/M	Parotid swelling, no MMR
Mumps		IgM	Waikato	Serum	12/07/2017	20Y/M	Parotiditis and testicular pain
Mumps		IgM	Waikato	Serum	12/07/2017	21Y/F	Bilateral parotid swelling
Mumps		IgM	Waikato	Serum	13/07/2017	21Y/M	Parotid swelling, enlarged lymph nodes
Mumps		PCR	Waikato	Swab	06/07/2017	20/F	
Mumps		IgM	Waitemata	Serum	11/07/2017	31/M	Glandular fever
Mumps		PCR	Waitemata	Buccal swab	13/07/2017	51/M	Jaw swelling
Mumps		PCR	Waitemata	Swab	07/07/2017	8/M	

IgM IgM ELISA

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