

VIROLOGY WEEKLY REPORT

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

2016/39 19 October 2016

A Summary of Laboratory-diagnosed viral infections of interest for the week of 26/09/2016 - 02/10/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	12		3	2	14	10			41
Influenza A H1N1 pdm09					3		1		4
Influenza A H3N2		10	4		11		24	1	50
Influenza B	4	2	1		5	1	9		22
Astrovirus					2		5		7
Bocavirus							8		8
Coronavirus							7		7
Metapneumovirus (HMPV)	9	4	4		10			2	29
Mycoplasma pneumoniae			2						2
Norovirus							13		13
Parainfluenza 2							1		1
Parainfluenza 3	9	3			5		6	1	24
Picornavirus		20						7	27
Respiratory Syncytial Virus (RSV)	7	3	4	2	3	3		3	25
Rhinovirus	24				11	1	29		65
Rotavirus	1					3			4
Sapovirus					2		6		8
Varicella Zoster Virus (VZV)	14		9			11		7	41
Adenovirus	6	5			5		1	3	20
Enterovirus	5	4	4		3	3	1	2	22
Measles	1								1
Mumps	1								1

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
Adenovirus	Type 1	Seq	Counties Manukau	NPA	01/09/2016	2M/M	
Measles		IgM	Auckland	Plasma	23/09/2016	28Y/M	Fever, rash, conjunctivitis
Mumps		IgM	Auckland	Plasma	24/09/2016	4Y/M	

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

IgM ELISA IgM

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.

Thank you to all who have participated in this year's Influenza Surveillance network. Please note that the Influenza Surveillance is now finished. Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of November.

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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