

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 23/04/2018 - 29/04/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification							TOTAL
	LabPlus	Middlemore	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	1		2					3
Influenza A H1N1 pdm09		3						3
Influenza A H3N2							1	1
Influenza B	1				1			2
Astrovirus				4		2		6
Metapneumovirus (HMPV)	1	3						4
Mycoplasma pneumoniae						1		1
Norovirus						2		2
Parainfluenza 1	1					5		6
Parainfluenza 3	1							1
Parainfluenza 4					1	1		2
Parechovirus						1	2	3
Picornavirus		18						18
Respiratory Syncytial Virus (RSV)	3	5			4	5		17
Rhinovirus	8			1	1	12		22
Rotavirus						1		1
Sapovirus				1		6		7
Varicella Zoster Virus (VZV)	21	6	3		13	14	4	61
Adenovirus	11	6	5			3		25
Enterovirus	3	1			1	1	1	7
Measles	1		1					2
Mumps	4		1			1		6
Rubella	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
Measles		PCR	Auckland	NPS, whole blood	21/04/2018	1/F	Severe reaction to MMR
Measles		PCR	Waikato	NPS	21/04/2018	1/M	Maculopapular rash, bilateral conjunctivitis
Mumps		PCR	Auckland	NPS, whole blood	21/04/2018	1/F	Severe reaction to MMR
Mumps		IgM	Auckland	Serum	24/04/2018	47/F	
Mumps		PCR	Canterbury	Buccal swab	24/04/2018	18/M	
Mumps		PCR	Counties Manukau	Buccal swab	24/04/2018	33/M	Unilateral facial swelling
Mumps		PCR	Counties Manukau	Throat	20/04/2018	28/M	
Mumps		PCR	Waikato	Buccal swab	20/04/2018	18/F	Parotitis
Rubella		PCR	Auckland	Whole blood	21/04/2018	1/F	Severe reaction to MMR

IgM ELISA
PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

NOTE: During April to September 2018, 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, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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