

VIROLOGY WEEKLY REPORT

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

2018/22 07 June 2018

A Summary of Laboratory-diagnosed viral infections of interest for the week of 28/05/2018 - 03/06/2018

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Laboratories reporting virus identification								
	LabPlus	Middlemore	Waikato	Pathlab	ESR	Wellington	Christchurch	Dunedin	TOTAL
Influenza A	1		1	1	3				6
Influenza B					1	1	1		3
Astrovirus							1		1
Bocavirus							3		3
Metapneumovirus (HMPV)	1	1	1				3		6
Mycoplasma Pneumoniae							6		6
Norovirus					11		2		13
Parainfluenza 1	1	1			2		3		7
Parainfluenza 2							2		2
Parainfluenza 3	1	1							2
Parainfluenza 4							1		1
Parechovirus							2		2
Picornavirus		36						4	40
Respiratory Syncytial Virus (RSV)	6	7	7	4		6	14		44
Rhinovirus	15				12	1	19		47
Rotavirus	2						1		3
Sapovirus							2		2
Varicella Zoster Virus (VZV)	22	2	3			6	8	10	51
Adenovirus	12	1					8	2	23
Enterovirus	1	3	1		1		2	1	9
Measles	1								1
Mumps	1		2						3

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	Canterbury	NPS	03/05/2018	9M/M	
Adenovirus	Type 3	Seq	Bay of Plenty	NPA	07/05/2018	6M/M	
Adenovirus	Type 4	Seq	MidCentral	Eye	07/05/2018	73/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Canterbury	Swab	17/04/2018	11M/F	
Enterovirus	Coxsackievirus Group A type 6	Seq	Taranaki	NPA, Faeces	20/03/2018	1/M	
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin Swab	11/04/2018	49/M	Vesicular rash
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin Swab	23/04/2018	1/M	Pustular rash on face, trunk and hands
Enterovirus	Coxsackievirus Group A type 6	Seq	Waikato	Skin Swab	23/04/2018	2/M	Pustular rash on hands, mouth, groin and legs
Enterovirus	Coxsackievirus Group A type 6	Seq	Hawke's Bay	Foot	27/04/2018	40/M	
Enterovirus	Echovirus type 5	Seq	Counties Manukau	NPA	19/03/2018	13D/M	
Enterovirus	Echovirus type 30	Seq	Nelson Marlborough	CSF	21/04/2018	24 Y/F	
Enterovirus	Echovirus type 30	Seq	Southern	CSF	17/04/2018	21 Y/M	
Enterovirus	Enterovirus type 68	Seq	Southern	NPS	15/04/2018	50/M	
Measles		IgM	Auckland	Serum	27/05/2018	3/F	
Mumps		IgM	Counties Manukau	Serum	25/05/2018	29/M	
Mumps		PCR	Waikato	Mouth	29/05/2018	22/F	
Mumps		PCR	Waikato	Skin swab	21/05/2018	16/F	Swollen L cheek

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR & Sequencing

NPS Nasopharyngeal Swab
 CSF Cerebrospinal Fluid
 PCR Polymerase Chain Reaction

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, Tauranga and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

Edited by: Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz