

NATIONAL INSTITUTE OF EPIDEMIOLOGY, CHENNAI-77
DHR/ICMR Virus Research and Diagnostic Laboratory Network (VRDLN)

June 2021 - REPORT

Functional VRDLs (n=45)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	8029	12	8041
Total no. of samples tested	8124	12	8136
Total no. of tests run	16111	32	16143
Total tests positive	859	4	863
Total cases positives (%)	785 (10%)	4 (33%)	789 (10%)

Table 1: Suspected outbreaks diagnosed by VRDLs June2021 (n=1)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
32. GMC, Tiruvanandapuram, Kerala	Tiruvanandapuram,	Chikungunya	1	4	10

Table2 :Routine virus tested at VRDLsduring June 2021 (n=16143)

Virus Tested	Positive	%	Total Tested
Hepatitis B virus (HBV)	108	2.3%	4624
Hepatitis C virus (HCV)	154	3.5%	4353
Dengue	222	9.3%	2377
Chikungunya	72	7.9%	913
Orientia tsutsugamushi (Scrub typhus)	29	5.3%	548
Hepatitis A virus (HAV)	27	6.5%	414
Hepatitis E virus (HEV)	22	5.8%	380
Leptospira	45	13.7%	328
Cytomegalovirus (CMV)	39	13.3%	293
Herpes simplex virus (HSV)	11	6.0%	184
Japanese Encephalitis(JE)	10	5.9%	170
Influenza A	0	0.0%	169
Epstein-Barr-virus (EBV)	13	8.1%	160
Influenza A Pandemic H1N1	0	0.0%	147
Herpes simplex virus -1 (HSV-1)	3	2.2%	136
Influenza B	1	1.0%	98
Herpes simplex virus -2 (HSV-2)	0	0.0%	96
Rubella Virus	7	7.4%	95
Enterovirus	0	0.0%	92
Varicella Zoster Virus (VZV)	4	4.4%	91
Coronavirus	69	85.2%	81
Measles	8	10.0%	80
Influenza A H3N2	0	0.0%	75
Parvovirus	6	13.3%	45
Hepatitis D virus (HDV)	0	0.0%	32
Adeno Virus	3	15.0%	20
Human metapneumovirus (HMPV)	0	0.0%	17
Rhinovirus	2	12.5%	16
Parainfluenza 1/2/3/4	0	0.0%	15
West Nile virus (WNV)	1	6.7%	15
Rota Virus	0	0.0%	10
Influenza B Victoria	1	11.1%	9
Influenza B Yamagata	0	0.0%	9
Respiratory Syncytial Virus (RSV)	0	0.0%	9
Respiratory Syncytial virus A (RSVA)	0	0.0%	9
Respiratory Syncytial virus B (RSVB)	0	0.0%	9
Mumps virus	5	83.3%	6
Astrovirus	0	0.0%	3
Human Boca virus	0	0.0%	3
Norovirus	1	33.3%	3
Sapovirus	0	0.0%	3
Not in the list	0	0.0%	2
Ebola virus	0	0.0%	1
Human parechovirus (HPeV)	0	0.0%	1
Nipah virus	0	0.0%	1
Other Influenza	0	0.0%	1
Total	863	5.3%	16143