

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

April 2020 - REPORT

Functional VRDLs (n=31)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	2344	9	2353
Total no. of samples tested	2424	9	2433
Total no. of tests run	3788	9	3797
Total cases positives (%)	201 (9%)	8 (89%)	209 (9%)

Table 1: Suspected outbreaks diagnosed by VRDLs April 2020 (n=1)

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
31. Guwahati MC, Guwahati, Assam	Kamrup	Varicella Zoaster Virus	1	8	9

Table2 :Routine virus tested at VRDLsduring April 2020 (n=3797)

Virus Tested	Positive	%	Total Tested
Dengue	84	7.9%	1066
Influenza A Pandemic H1N1	10	1.5%	654
Hepatitis C virus (HCV)	16	5.9%	270
Hepatitis B virus (HBV)	17	6.4%	267
Orientia tsutsugamushi (Scrub typhus)	14	5.4%	258
Chikungunya	22	10.0%	219
Hepatitis E virus (HEV)	13	7.6%	170
Hepatitis A virus (HAV)	15	10.4%	144
Japanese Encephalitis(JE)	10	7.9%	127
Influenza B	0	0.0%	91
Influenza A	0	0.0%	77
Herpes simplex virus -1 (HSV-1)	0	0.0%	68
Influenza A H3N2	0	0.0%	49
Cytomegalovirus (CMV)	4	9.5%	42
Herpes simplex virus (HSV)	0	0.0%	42
Epstein-Barr-virus (EBV)	2	5.6%	36
Respiratory Syncytial Virus (RSV)	0	0.0%	33
Parvovirus	12	38.7%	31
Varicella Zoaster Virus (VZV)	8	29.6%	27
Herpes simplex virus -2 (HSV-2)	0	0.0%	19
Rubella Virus	1	6.7%	15
Enterovirus	1	7.1%	14
West Nile virus (WNV)	0	0.0%	11
Leptospira	0	0.0%	7
Adeno Virus	0	0.0%	3
Bocaparvovirus	0	0.0%	3
Human metapneumovirus (HMPV)	0	0.0%	3
Measles	0	0.0%	3
Parainfluenza 1/2/3/4	1	33.3%	3
Rhinovirus	0	0.0%	3
Influenza B Victoria	0	0.0%	2
Hepatitis D virus (HDV)	0	0.0%	1
Human parechovirus (HPeV)	0	0.0%	1
Mumps virus	0	0.0%	1
Respiratory Syncytial virus A (RSVA)	0	0.0%	1
Respiratory Syncytial virus B (RSVB)	0	0.0%	1
Others	0	0.0%	35
Total	230	6.1%	3797