

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

**January 2021 - REPORT**

**Functional VRDLs (n=47)**

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	<b>8703</b>	<b>6</b>	<b>8709</b>
Total no. of samples tested	<b>8783</b>	<b>6</b>	<b>8789</b>
Total no. of tests run	<b>15841</b>	<b>6</b>	<b>15847</b>
Total tests positive	<b>1094</b>	<b>5</b>	<b>1099</b>
Total cases positives (%)	<b>1021 (12%)</b>	<b>5 (83%)</b>	<b>1026 (12%)</b>

**Table 1: Suspected outbreaks diagnosed by VRDLs January 2021 (n=1)**

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
31. Guwahati MC, Guwahati, Assam	Goalpara	Varicella Zoster Virus (VZV)	1	5	6

**Table 2 : Routine virus tested at VRDLsduring January 2021 (n=15847)**

<b>Virus Tested</b>	<b>Positive</b>	<b>%</b>	<b>Total Tested</b>
Hepatitis C virus (HCV)	198	5.7%	3463
Hepatitis B virus (HBV)	120	3.5%	3453
Dengue	266	8.6%	3097
Chikungunya	111	11.4%	970
Hepatitis A virus (HAV)	21	3.1%	685
Hepatitis E virus (HEV)	43	6.5%	662
Orientia tsutsugamushi (Scrub typhus)	104	17.3%	602
Leptospira	47	12.8%	368
Influenza B	0	0.0%	363
Influenza A Pandemic H1N1	14	4.0%	348
Influenza A	0	0.0%	347
Cytomegalovirus (CMV)	50	19.5%	257
Herpes simplex virus (HSV)	9	4.3%	208
Japanese Encephalitis(JE)	2	1.0%	197
Rubella Virus	1	0.8%	125
Herpes simplex virus -1 (HSV-1)	2	1.8%	112
Coronavirus	67	73.6%	91
Epstein-Barr-virus (EBV)	6	7.1%	84
Parvovirus	9	11.0%	82
Measles	12	17.9%	67
Varicella Zoster Virus (VZV)	11	21.2%	52
Herpes simplex virus -2 (HSV-2)	0	0.0%	46
Influenza A H3N2	1	3.1%	32
Enterovirus	0	0.0%	20
West Nile virus (WNV)	0	0.0%	16
Adeno Virus	0	0.0%	15
Human metapneumovirus (HMPV)	0	0.0%	12
Parainfluenza 1/2/3/4	0	0.0%	11
Rhinovirus	3	30.0%	10
Human Parechovirus (HPeV)	0	0.0%	8
Mumps virus	0	0.0%	8
Respiratory Syncytial Virus (RSV)	0	0.0%	7
Hepatitis D virus (HDV)	0	0.0%	6
Human Boca virus	0	0.0%	6
Respiratory Syncytial virus A (RSVA)	0	0.0%	4
Respiratory Syncytial virus B (RSVB)	0	0.0%	4
Astrovirus	0	0.0%	2
Bocaparvovirus	0	0.0%	2
Not in the list	1	50.0%	2
Influenza B Victoria	0	0.0%	1
Norovirus	1	100.0%	1
Rota Virus	0	0.0%	1
<b>Total</b>	<b>1099</b>	<b>6.9%</b>	<b>15847</b>