

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

April 2021 - REPORT

Functional VRDLs (n=34)

	Medical college hospital	Outbreak / Disease cluster	Total
Total no. of patients investigated by VRDLs	5626	20	5646
Total no. of samples tested	5677	20	5697
Total no. of tests run	10887	20	10907
Total tests positive	546	19	565
Total cases positives (%)	515 (9%)	19 (95%)	534 (9%)

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

VRDL, State	Districts	Etiological Agent	No. of outbreaks	Positive Cases	Total cases tested
Zoram Medical College, Mizoram	Aizawl	Hepatitis C virus (HCV)	1	19	20

Table 2 : Routine virus tested at VRDLs during April 2021 (n=10907)

Virus	Positive	%	Total Tested
Hepatitis B virus (HBV)	107	3.8%	2845
Hepatitis C virus (HCV)	142	5.7%	2481
Dengue	160	6.6%	2430
Chikungunya	31	3.4%	909
Orientia tsutsugamushi (Scrub typhus)	27	6.0%	448
Hepatitis A virus (HAV)	15	6.9%	216
Hepatitis E virus (HEV)	16	7.6%	210
Cytomegalovirus (CMV)	18	9.9%	182
Herpes simplex virus (HSV)	3	2.2%	135
Leptospira	20	15.3%	131
Herpes simplex virus -1 (HSV-1)	1	1.0%	102
Japanese Encephalitis(JE)	0	0.0%	97
Rubella Virus	4	4.8%	83
Epstein-Barr-virus (EBV)	2	2.4%	82
Herpes simplex virus -2 (HSV-2)	0	0.0%	76
Influenza A Pandemic H1N1	1	1.4%	74
Varicella Zoster Virus (VZV)	1	1.8%	57
Influenza B	0	0.0%	48
Measles	6	12.5%	48
Enterovirus	0	0.0%	47
Parvovirus	4	10.0%	40
Influenza A H3N2	0	0.0%	28
Influenza A	1	4.5%	22
Human metapneumovirus (HMPV)	0	0.0%	16
Other Influenza	0	0.0%	15
Hepatitis D virus (HDV)	0	0.0%	13
Adeno Virus	0	0.0%	10
Parainfluenza 1/2/3/4	2	22.2%	9
Respiratory Syncytial virus A (RSVA)	1	11.1%	9
Respiratory Syncytial virus B (RSVB)	0	0.0%	9
Rhinovirus	2	22.2%	9
Respiratory Syncytial Virus (RSV)	0	0.0%	8
Human parechovirus (HPeV)	0	0.0%	6
Mumps virus	0	0.0%	6
Coronavirus	1	50.0%	2
Human Boca virus	0	0.0%	2
Bocaparvovirus	0	0.0%	1
Influenza B Yamagata	0	0.0%	1
Total	565	5.2%	10907