

Table 1.3. Performance of AVTs entries against different diseases under multilocation testing during 2021-22

S. No.	Entry	LB (dd)		KB (%)		PM (0-9)		FS (%)		FHB (0-5)	FR (%)	LS (%)		HB (%)	
		AV	HS	AV	HS	AV	HS	AV	HS	HS	HS	AV	HS	AV	HS
1	VL2041*	24	46	4.0	9.3	3	5	3.5	6.6	3	25.0	11.1	18.6	13.5	20.2
2	VL2043	35	57	7.5	19.7	5	7	3.6	8.3	4	15.0			16.2	25.4
3	VL2044	46	67	3.1	8.3	3	5	4.5	9.1	4	33.3			16.9	30.0
4	HD3402	46	78	11.3	26.9	5	7	3.8	10.0	4	11.1			15.9	31.0
5	HPW481	45	78	7.9	15.0	6	9	3.9	6.2	4	25.0			3.2	6.7
6	HPW487	57	89	9.1	29.1	3	4	2.8	5.0	5	30.0			16.6	25.5
7	HPW488	46	89	8.7	28.1	6	9	4.1	9.1	4	27.8			5.8	10.5
8	HS692	57	89	5.9	12.5	5	7	7.4	14.0	4	7.1			20.4	32.3
9	HS693	35	79	4.9	11.1	7	9	4.6	11.2	2	27.8			16.2	27.7
10	HS694	46	79	13.4	44.4	6	8	8.0	14.7	4	33.3			16.3	23.3
11	UP3114	36	67	7.0	14.6	5	7	4.4	6.3	3	18.8			17.5	38.2
12	VL3028	46	78	8.7	27.4	3	5	2.8	5.0	4	31.3			12.8	23.2
13	VL3029	46	89	9.8	34.1	3	7	4.1	8.2	4	16.7			9.5	16.9
14	VL3030	46	89	9.8	27.3	4	7	4.7	9.3	5	25.0			10.5	22.6
15	HPW483	46	89	5.3	8.3	3	6	4.7	8.1	4	25.0			4.4	6.1
16	HPW484	46	78	6.5	13.5	3	7	4.6	10.0	4	35.0			3.9	8.2
17	HPW485	35	67	1.9	5.8	4	9	4.3	8.6	3	22.2			5.5	8.6
18	HPW486	46	69	6.1	11.7	3	4	4.6	9.1	3	30.0			12.9	24.2
19	HS688	46	89	7.3	23.7	3	6	5.0	10.0	4	35.0			24.4	37.3
20	HS689	46	89	8.8	28.0	5	7	6.6	11.2	3	5.6			7.2	8.6
20A	Infector	78	99	25.6	50.5	8	9	20.3	23.3	4	-			-	-
21	HS690	35	97	4.2	11.2	6	9	7.1	11.6	3	18.8			19.9	28.9
22	HS691	35	79	2.6	6.3	6	9	6.1	10.3	3	30.0			21.2	28.5
23	SKW362	46	77	12.8	46.2	6	9	4.6	9.3	5	30.0			16.2	32.5
24	UP3113	46	78	7.6	23.2	3	7	4.9	10.0	5	22.2			7.7	8.6
25	VL2047	46	79	7.9	25.9	4	7	4.6	9.2	4	6.3			3.6	7.3
26	VL2048	46	89	11.7	37.0	5	9	5.5	8.3	4	25.0			9.2	16.7
27	VL2049	46	77	9.6	29.5	3	4	8.0	12.5	5	25.0			16.2	37.5
28	VL2050	35	68	13.8	28.0	5	9	4.8	11.1	3	30.0			26.7	55.4
29	HS507(C)	35	77	8.3	26.7	5	7	4.2	8.3	1	27.8	20.8	28.6	13.8	29.1
30	HS562(C)	45	99	8.1	27.1	6	9	4.1	9.1	3	11.1	13.6	21.7	5.4	7.7
31	HS490(C)	46	79	2.1	5.0	4	5	5.8	13.3	3	27.8			5.9	9.8

S. No.	Entry	LB (dd)		KB (%)		PM (0-9)		FS (%)		FHB (0-5)	FR (%)	LS (%)		HB (%)	
		AV	HS	AV	HS	AV	HS	AV	HS	HS	HS	AV	HS	AV	HS
32	HPW349(C)	46	79	8.1	24.7	4	6	5.6	11.1	4	31.3	15.1	23.3	12.0	27.9
33	VL907(C)	35	78	11.1	30.8	3	7	5.7	10.0	4	7.1	15.4	17.5	6.3	7.5
34	VL892(C)	57	89	10.7	27.2	4	7	6.3	12.5	4	7.1			23.5	34.7
35	DBW377	47	89	9.6	23.6	5	7	5.2	8.3	4	31.3				
36	PBW870	35	68	8.1	15.4	6	9	4.2	6.3	4	25.0				
37	DBW372	46	78	6.3	24.6	4	7	7.0	11.1	4	22.2				
38	DBW318	56	89	8.5	21.0	5	9	4.7	9.4	2	30.0				
39	DBW327 (C)	46	89	11.2	39.6	5	7	3.7	7.3	4	27.8	16.5	23.4		
40	DBW332(C)	46	78	13.1	37.8	5	9	4.7	8.6	4	22.2	23.6	43.1		
40A	Infector	78	99	22.9	37.5	7	9	20.9	28.2	5	-				
41	DBW370	46	79	7.2	19.6	5	9	7.7	11.3	4	27.8				
42	DBW371	46	89	2.8	8.6	5	7	6.3	12.5	4	35.0				
43	DBW373	56	77	14.8	32.6	5	9	5.7	9.3	4	20.0				
44	PBW868	57	79	8.2	14.7	7	9	1.7	3.3	4	25.0				
45	PBW871	46	78	14.9	41.2	5	9	6.5	12.5	5	25.0				
46	PBW872	45	78	10.2	31.4	6	9	8.1	9.6	5	20.0				
47	HD3090(C)	67	98	15.3	45.7	5	9	5.7	8.3	4	27.8	15.3	30.0		
48	HI1633(C)	56	89	11.2	40.2	5	9	5.6	8.6	4	27.8	8.9	25.0		
49	RAJ4083(C)	46	89	11.1	37.5	6	9	5.7	9.0	5	25.0	25.0	43.0		
50	DBW320#*	45	68	10.2	35.4	5	9	5.4	10.0	5	22.2	5.4	11.1		
51	MP1380#	46	69	12.1	48.8	5	9	4.6	9.1	5	30.0				
52	DBW407 ^B	35	77	5.3	16.2	5	9	3.8	7.3	3	21.4				
53	DDW48(d)(C)	46	78	1.8	5.6	6	9	3.3	6.6	4	18.8				
54	HI8826(d)*	46	89	9.4	21.4	6	9	0.8	1.5	3	14.3	2.1	8.3		
55	MACS4100(d)*	46	79	2.5	8.3	4	9	2.2	3.9	4	33.3	5.5	10.0		
56	MP1378	46	68	4.6	13.6	5	9	3.2	5.0	5	30.0				
57	MP3552	46	79	13.9	41.2	3	5	3.8	5.6	5	25.0				
58	UAS3015	46	79	8.5	28.0	4	9	3.3	4.1	4	30.0				
59	HI8839(d)	46	89	4.2	11.1	5	7	4.5	5.8	5	33.3				
60	HI8840(d)	46	88	2.4	4.5	6	9	5.1	8.3	3	27.8				
60A	Infector	78	89	25.3	40.2	8	9	21.5	29.4	4	-				
61	MP1358(I)(C)	35	79	6.5	19.6	4	9	2.8	4.2	4	25.0	24.2	36.3		
62	NIAW3922	46	89	4.7	6.2	2	5	4.5	5.6	4	25.0				

S. No.	Entry	LB (dd)		KB (%)		PM (0-9)		FS (%)		FHB (0-5)	FR (%)	LS (%)		HB (%)	
		AV	HS	AV	HS	AV	HS	AV	HS	HS	HS	AV	HS	AV	HS
63	NIDW1149(d)(C)	47	79	5.1	9.1	3	7	2.5	5.0	3	27.8	8.7	18.3		
64	UAS478(d)	56	89	3.6	11.1	2	7	1.8	3.5	3	18.8				
65	DBW352#	57	88	6.3	26.4	3	5	1.3	2.6	4	20.0				
66	GW513(I)(C)	67	89	9.7	31.0	5	9	5.0	8.5	5	8.3	10.1	30.0		
67	GW547 ^B	57	89	4.5	15.9	4	7	4.3	9.6	4	15.0				
68	HI1636(I)(C)	67	99	10.6	38.8	5	9	8.7	11.5	5	25.0	16.3	25.0		
69	HI1650*	57	79	4.9	13.0	3	5	5.4	12.2	5	27.8	22.7	27.7		
70	MACS6768*	57	89	12.8	36.0	4	7	3.7	7.3	4	27.8	14.8	36.6		
71	MP3535*	57	89	6.3	17.0	4	7	3.0	6.2	4	16.7	20.8	26.6		
72	NWS2194#	57	89	5.9	19.3	4	7	3.3	6.5	4	11.1				
73	HI1665	57	89	9.9	23.9	3	7	2.3	4.5	4	25.0				
74	NIAW4028	57	89	8.4	25.6	3	5	3.1	4.5	5	33.3				
75	CG1036*	56	99	4.4	10.5	4	7	3.1	5.0	5	27.8	20.6	46.6		
76	CG1040	46	89	4.2	9.7	3	6	2.5	4.3	4	31.3				
77	DDW47(d)(C)	46	78	6.5	20.5	4	7	3.1	5.0	3	25.0	7.5	18.3		
78	DDW55(d) ^{Q*}	57	89	5.7	15.6	3	7	2.1	4.2	5	27.8	5.1	10.9		
79	GW532	57	99	4.0	8.3	5	9	3.1	4.3	4	20.0				
80	HD3401	57	99	10.2	45.8	4	7	4.2	7.1	5	20.0				
80A	Infector	78	99	22.4	37.5	8	9	21.8	24.0	5	-				
81	HI1655 ^{Q*}	57	79	10.6	41.2	3	6	4.5	6.7	5	30.0	25.2	46.6		
82	HI1666	57	89	12.7	29.3	3	5	6.4	10.5	4	25.0				
83	HI8823(d)(I)(C)	57	89	4.3	8.3	4	7	1.8	3.5	4	22.2	22.4	76.2		
84	HI8830(d)*	57	89	8.1	11.1	5	9	1.3	2.5	4	11.1				
85	MACS6795	57	99	3.4	9.6	3	6	3.2	5.0	3	35.0				
86	MP1377	57	79	9.8	38.8	3	7	4.2	7.1	5	25.0				
87	MP3288(C)	57	89	9.8	28.1	5	9	4.3	8.2	4	22.2	31.6	47.8		
88	UAS3019	57	89	6.3	12.5	3	5	5.3	6.6	4	6.3				
89	DBW316#*	47	78	7.3	24.0	4	9	3.9	5.0	4	35.0				
90	HD3118(C)	57	79	7.9	13.9	3	5	2.6	4.5	5	20.0	16.6	25.0		
91	HD3392	46	68	4.5	14.1	2	5	5.2	7.2	5	22.2				
92	HI1621(C)	46	78	9.4	36.7	4	6	4.2	8.3	4	33.3	8.7	26.6		
93	PBW833*	36	69	16.2	48.5	3	7	4.6	9.1	4	35.0	27.6	41.8		
94	PBW835 ^{Q*}	57	79	14.6	38.8	4	9	5.4	11.1	5	16.7	12.6	22.2		

S. No.	Entry	LB (dd)		KB (%)		PM (0-9)		FS (%)		FHB (0-5)	FR (%)	LS (%)		HB (%)	
		AV	HS	AV	HS	AV	HS	AV	HS	HS	HS	AV	HS	AV	HS
95	HD3249(C)	46	79	3.4	10.0	3	7	1.3	2.5	5	33.3	24.2	36.2		
96	PBW826#*	46	78	14.2	54.2	3	5	4.4	7.3	5	16.7	8.7	15.0		
97	HD3388	46	78	6.8	16.3	3	6	5.2	6.6	3	25.0	21.2	28.6		
98	PBW852	46	89	16.0	53.6	3	7	2.9	5.0	5	16.7	16.0	36.0		
99	DBW252(C)	46	68	5.5	14.5	2	5	5.4	8.1	5	0.0				
100	HD3171(C)	47	68	11.3	43.3	3	7	3.2	5.0	5	25.0				
100A	Infector	78	89	26.9	45.5	7	9	17.8	25.0	5	-				
101	HD3293(C)	46	68	13.7	56.0	3	7	3.4	5.5	5	20.0	21.1	46.6		
102	DBW353	46	79	17.2	51.7	2	5	5.4	7.5	5	22.2				
103	JKW261(I)(C)	46	79	9.9	30.0	2	7	5.2	8.6	5	33.3	28.4	37.6		
104	PBW771(C)	46	89	4.9	11.1	4	9	13.7	31.6	5	22.2	15.4	19.5		
105	WH1124(C)	46	89	4.7	8.3	2	5	3.7	9.1	5	25.0	26.6	42.5		
106	HD2967(C)	35	67	4.5	13.0	3	5	6.6	12.5	4	33.3	28.3	71.1		
107	HD3386	36	68	13.1	42.1	5	9	7.9	11.5	5	27.8				
108	DBW359	46	68	14.7	52.9	2	5	5.7	9.6	5	30.0				
109	DBW358	36	79	11.6	38.8	4	9	4.7	8.7	5	11.1				
110	NIAW3170(C)	57	69	6.9	13.3	3	9	4.1	6.3	4	30.0	37.2	47.1		
111	HD3043(C)	46	68	5.9	12.5	2	5	2.7	5.3	5	16.7	20.1	30.0		
112	HD3369*	47	89	6.2	15.6	4	7	3.4	6.8	5	35.0	19.4	35.0		
113	HD3397	46	78	10.3	34.5	5	7	5.2	7.3	5	6.3				
114	HD3400	46	89	7.6	20.5	6	9	5.2	8.5	5	25.0				
115	HD3418	46	68	7.7	29.7	5	9	6.0	9.5	5	30.0				
116	HI1628(C)	56	89	11.6	34.9	6	9	6.1	11.6	3	0.0	31.6	47.5		
117	HI1653*	46	89	14.5	41.5	5	9	5.7	10.0	5	25.0	20.7	31.7		
118	HI1654*	46	89	7.3	22.1	4	9	4.3	8.5	5	30.0	28.0	45.0		
119	HUW838(I)(C)	46	89	8.6	31.3	5	9	4.7	9.3	5	25.0	33.1	57.6		
120	UP3090	46	89	5.3	9.1	6	9	6.2	11.7	5	27.8				
120A	Infector	78	79	25.9	33.5	8	9	23.2	26.6	4	-				
121	WH1402	35	69	7.5	20.3	6	9	4.3	6.6	4	16.7				
122	WH1403	35	67	5.5	13.3	5	9	4.2	8.3	4	27.8				
123	DBW365	35	77	12.4	27.6	6	9	4.6	9.1	5	16.7				
124	DBW366	35	77	6.4	17.9	5	9	4.3	7.2	5	20.0				
125	DBW402	46	79	5.6	19.6	5	9	4.5	8.3	4	25.0				

S. No.	Entry	LB (dd)		KB (%)		PM (0-9)		FS (%)		FHB (0-5)	FR (%)	LS (%)		HB (%)	
		AV	HS	AV	HS	AV	HS	AV	HS	HS	HS	AV	HS	AV	HS
126	HD3415	46	79	7.0	21.2	4	7	5.8	9.1	4	25.0				
127	Kharchia65(C)	56	89	7.9	15.5	4	9	8.9	14.2	4	31.3	26.9	83.0		
128	KRL19(C)	46	89	5.7	25.2	4	9	5.3	10.0	4	25.0	24.1	80.0		
129	KRL2006	46	78	7.5	23.3	4	6	4.6	9.1	5	27.8				
130	UAS310	46	77	11.2	38.8	3	6	4.7	8.3	4	30.0				
131	KRL2021	56	99	5.4	18.9	2	5	8.0	15.6	4	25.0				
132	KRL210(C)	57	89	8.5	22.5	3	5	4.5	6.5	5	30.0	22.9	76.0		
133	RAJ4565	46	89	3.1	4.5	4	7	2.4	5.0	5	20.0				
134	HD3438	67	99	9.7	43.0	5	9	2.5	5.0	5	27.8				
135	HD3439	57	89	10.7	36.4	4	9	8.6	19.5	4	35.0				
136	CG1029(C)	67	99	13.1	34.8	5	9	7.5	12.5	4	6.3	16.8	28.0		
137	HD3407*	57	99	12.1	33.3	4	9	3.6	6.6	4	30.0	19.0	26.0		
138	HI1634(C)	57	89	10.4	24.4	5	7	4.9	8.3	4	33.3	20.2	32.0		
139	MP3336(C)	57	99	5.8	13.6	3	7	4.8	7.4	4	25.0	17.7	33.0		
140	HI8498(C)	46	79	5.3	11.3	3	7	1.8	3.5	5	27.8	5.5	16.6		
140A	Infector	78	89	25.3	41.2	5	8	22.4	26.6	5	-				
141	HI8759(C)	56	99	5.4	12.5	3	7	2.3	4.5	5	33.3				
142	HI8846	46	89	6.1	15.0	3	7	1.7	3.3	5	30.0				
143	HI8847	56	89	3.1	6.6	3	6	1.8	3.5	5	25.0				
144	HD2733(C)	46	89	2.3	8.6	4	7	3.0	5.0	3	0.0	19.8	25.0		
145	HD3411*	46	59	9.0	30.8	4	9	4.6	6.6	5	25.0	30.4	52.4		
146	HD3440	35	59	6.8	18.9	5	9	3.7	6.7	5	33.3				
147	HD3406*	25	59	9.3	20.8	4	7	3.2	5.0	5	28.6	31.3	61.3		
148	HD3436	35	99	13.8	34.4	5	9	5.0	7.2	5	30.0				
149	HD3437	35	59	6.2	13.7	3	9	3.7	6.8	3	30.0				
150	PBW175(C)	56	79	11.7	41.6	4	9	4.7	6.7	5	33.3				
151	PBW677(C)	36	79	6.5	22.4	3	5	2.9	5.0	3	30.0				
152	PBW901	46	89	12.1	41.2	3	7	5.9	10.5	3	16.7				
153	PBW902	36	69	10.7	35.7	3	5	2.7	6.6	4	30.0				