

Supplementary materials

Bovine viral diarrhea virus antigen status in milk and blood serum: Implications for effective screening and risk factors analysis in dairy cows

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Supplementary Table 1. ELISA value variations in BVDV suspected cows.

Cow Number	Pregnant	Age	Milk ELISA OD	Comments	Serum ELISA OD	Comments	Decreased Milk Production	Abortion
1.	Yes	4.5y	0.132	No	1.419	Yes	Yes	Yes
2.	No	4y	0.989	Yes	0.791	Yes	No	Yes
3.	Yes	3y	0.366	Yes	0.532	Yes	No	Yes
4.	Yes	4y	0.531	Yes	0.99	Yes	No	Yes
5.	Yes	5y	0.991	Yes	1.549	Yes	No	Yes
6.	Yes	3y	0.288	Yes	0.187	No	Yes	Yes
7.	Yes	8y	1.556	Yes	0.905	Yes	Yes	Yes
8.	Yes	5y	2.242	Yes	0.91	Yes	No	Yes
9.	Yes	5y	2.014	Yes	0.458	Yes	No	Yes
10.	No	5y	0.221	No	0.978	Yes	Yes	Yes
11.	Yes	11y	0.568	Yes	0.219	No	Yes	Yes
12.	Yes	7y	2.715	Yes	0.494	Yes	No	Yes
13.	Yes	8y	0.222	No	0.723	Yes	Yes	Yes
14.	No	8y	0.399	Yes	0.786	Yes	No	Yes
15.	No	11y	0.275	No	0.541	Yes	No	Yes
16.	No	6y	0.219	No	0.714	Yes	No	Yes
17.	No	13y	1.218	Yes	1.676	Yes	Yes	Yes
18.	No	3y	0.26	No	1.609	Yes	No	Yes
19.	No	5y	0.252	No	1.063	Yes	Yes	Yes
20.	No	7y	0.229	No	0.823	Yes	Yes	Yes
21.	No	3.5y	0.147	No	1.092	Yes	Yes	Yes
22.	No	5y	0.23	No	0.948	Yes	Yes	Yes
23.	Yes	7y	1.489	Yes	0.821	Yes	Yes	Yes
24.	No	10.5y	0.223	No	0.841	Yes	Yes	Yes
25.	No	6y	0.195	No	1.998	Yes	Yes	Yes
26.	Yes	4y	0.534	Yes	2.322	Yes	No	Yes
27.	No	7.5y	0.295	Yes	1	Yes	Yes	Yes
28.	Yes	4.5y	0.142	No	1.521	Yes	Yes	Yes
29.	No	4y	0.981	Yes	0.823	Yes	No	Yes
30.	Yes	3y	0.361	Yes	0.634	Yes	No	Yes
31.	Yes	4y	0.537	Yes	1.02	Yes	No	Yes
32.	Yes	5y	0.97	Yes	1.812	Yes	No	Yes
33.	Yes	3y	0.289	Yes	0.171	No	Yes	Yes
34.	Yes	8y	1.52	Yes	0.91	Yes	Yes	Yes
35.	Yes	5y	2.249	Yes	0.931	Yes	No	Yes
36.	Yes	5y	1.9	Yes	0.512	Yes	No	Yes
37.	No	5y	0.21	No	1.02	Yes	Yes	Yes
38.	Yes	11y	0.589	Yes	0.211	No	Yes	Yes
39.	Yes	7y	2.21	Yes	0.501	Yes	No	Yes
40.	Yes	8y	0.212	No	0.731	Yes	Yes	Yes
41.	No	8y	0.402	Yes	0.802	Yes	No	Yes
42.	No	11y	0.221	No	0.549	Yes	No	Yes
43.	No	6y	0.211	No	0.721	Yes	No	Yes
44.	No	13y	1.313	Yes	1.776	Yes	Yes	Yes
45.	No	3y	0.231	No	1.619	Yes	No	Yes

46.	No	5y	0.249	No	1.21	Yes	Yes	Yes
47.	No	7y	0.236	No	0.842	Yes	Yes	Yes
48.	No	3.5y	0.217	No	1.1	Yes	Yes	Yes
49.	No	5y	0.213	No	1.18	Yes	Yes	Yes
50.	Yes	7y	1.889	Yes	0.821	Yes	Yes	Yes
51.	No	10.5y	0.233	No	0.941	Yes	Yes	Yes
52.	No	6y	0.182	No	1.821	Yes	Yes	Yes
53.	Yes	4y	0.578	Yes	2.421	Yes	No	Yes
54.	No	7.5y	0.311	Yes	1.03	Yes	Yes	Yes

Data were collected as mentioned in the questionnaire, and ELISA is conducted according to manufacturer's guidelines, and samples exhibiting S-N values of 0.277 or lower were categorized as negative for BVDV antigen, while samples with S-N values >0.277.