



Supplementary Item 2: Horse signalment, serum and aqueous humour antibody titres (using a microscopic agglutination test) and calculated C-values (where applicable) from control eyes (n = 43).

y = years; x = cross, L = left, R = right, - = no antibodies detected to serovars no antibodies detected to serovars *canicola*, *copenhageni*, *ballum*, *icterohaemorrhagiae*, *pomona*, *mozdok*, *tarassovi*, *grippotyphosa*, *australis*, *bratislava*, *autumnalis*, *hebdomadis*, *mini*, *sejroe*, *javanica*, *bataviae*, *zanoni* and *hardjo*. Samples were considered positive when agglutination was obtained at dilution of 1:100.

Eye	Age	Breed	Eye	Serum titre	Aqueous titre	C value	Serovar(s) involved
1		TB x	R	1/100	-		<i>bratislava</i> / <i>autumnalis</i>
2	1y		L	1/100	-		<i>bratislava</i>
3	9y	Welsh x	L	-	-		
4	14y	TB x	R	1/100	-		<i>copenhageni</i>
5	11y	Welsh x	L	-	-		
6	14y	TB x	R	1/400	-		<i>canicola</i>
7	5y	Pony	L	1/200	-		<i>bataviae</i>
8	15y	TB x	R	1/200	-		<i>autumnalis</i>
9	14y	WB x	R	-	-		
10	17y	Welsh x	R	1/200	-		<i>bratislava</i>
11	17y	Irish Dr.	R	1/200	-		<i>autumnalis</i>
12	15y	WB	R	1/800	-		<i>bratislava</i> / <i>autumnalis</i>
13	5y	Andalu.	L	1/400	-		<i>bratislava</i>
14	4y	Irish Sp.	R	-	-		
15	11y	Irish Sp.	R	-	-		
16	6y	Appalo.	R	-	-		
17	5y	Cob	R	-	-		
18	10y	TBx	R	-	-		
19	12y	TB	L	-	-		
20	11y	Cob	R	-	-		
21	15y	Welsh x	L	-	-		
22	10y	TB x	R	1/100	-		<i>copenhageni</i>
23	15y	Cob	R	-	-		

24	12y	Cob	L	-	-		
25	14y	TB	L	-	-		
26	11y	WB	R	-	-		
27	12y	Welsh x	L	-	-		
28	15y	Welsh x	R	-	-		
29	16y	TB	L	-	-		
30	11y	TB x	L	-	-		
31	15y	Cob	L	1/800	-		<i>australis</i>
32	25y	Cob	L	-	-		
33	16y	Conn x	L	-	-		
34	18y	Camarg	L	1/200	-		<i>grippotyphosa</i>
35	14y	Friesian	L	1/200	-		<i>canicola</i>
36	7y	Irish Sports	R	-			
37	4y	WB	L	-	-		
38	16y	Pony	R	1/200	-		<i>canicola</i>
39	6y	Irish Sports	L	1/200	-		<i>australis / bratislava</i>
40	10y	Welsh D	L	1/1600	-		<i>bratislava</i>
41	3y	TB	R	-	-		
42	13y	Irish Sports	R	1/200	-		<i>bratislava</i>
43	4y	Welsh x	L	-	-		