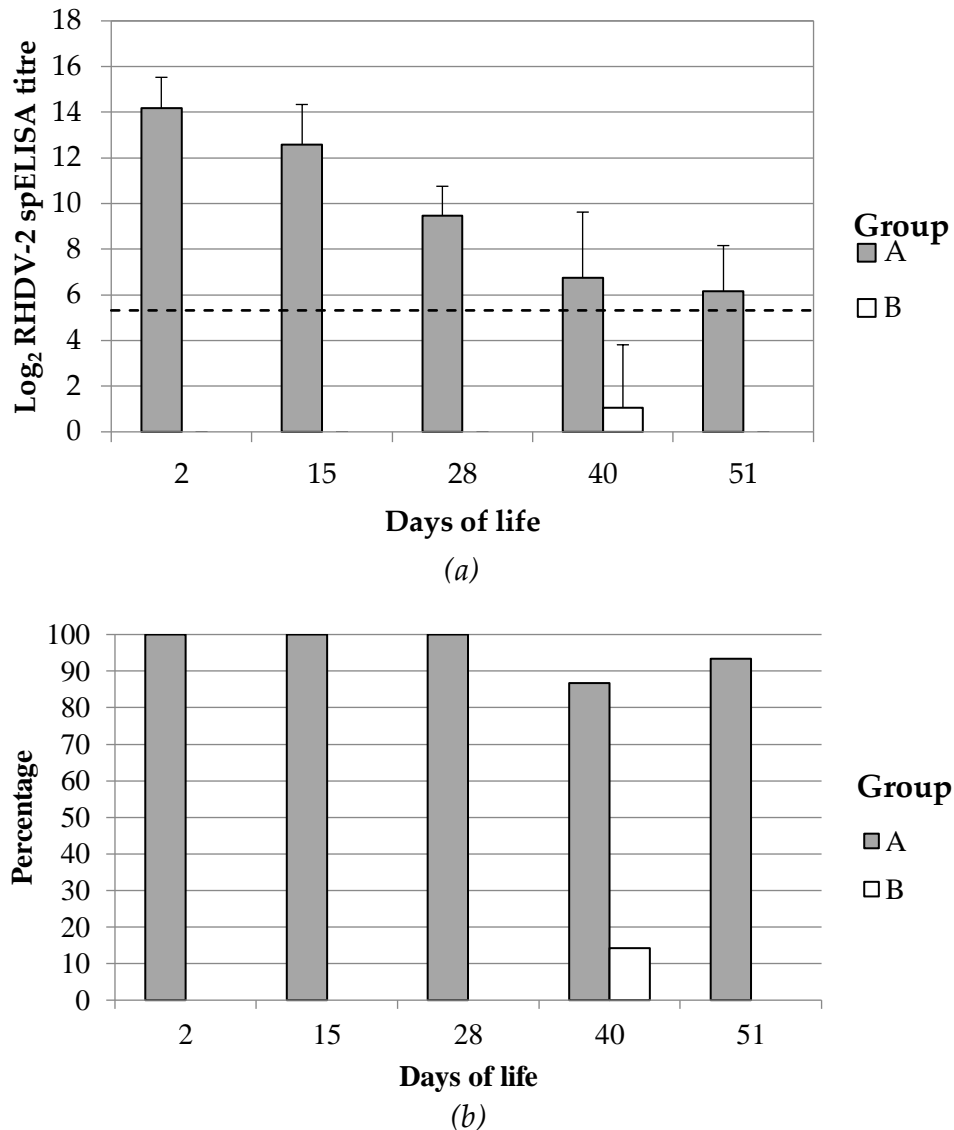


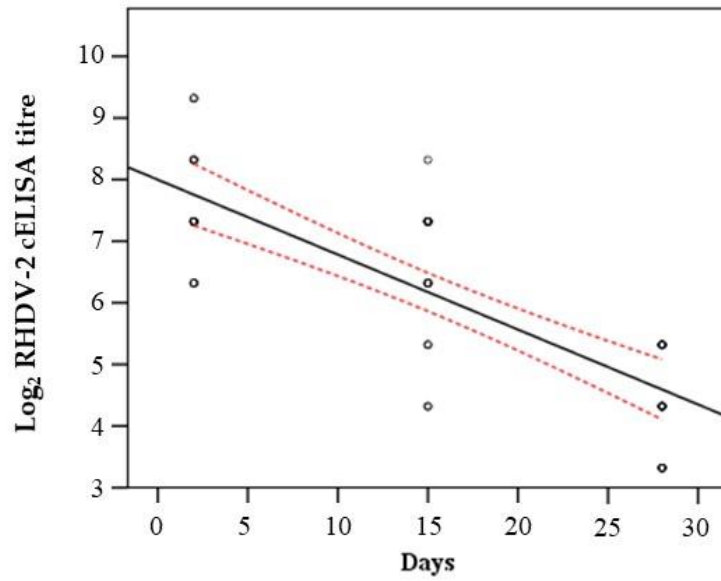
**Table 1.** Scheme of the experimental design.

wol	9–10	12–13	17–18	21–22	29–30	36–37	43–44	51–52	59–60	
dpv	0	25	56	86	142	191	242	296	349	
	Vaccination	Bleeding	1st AI <sup>1</sup>	1st		2nd	3rd	4th	5th	6th
				Birth						

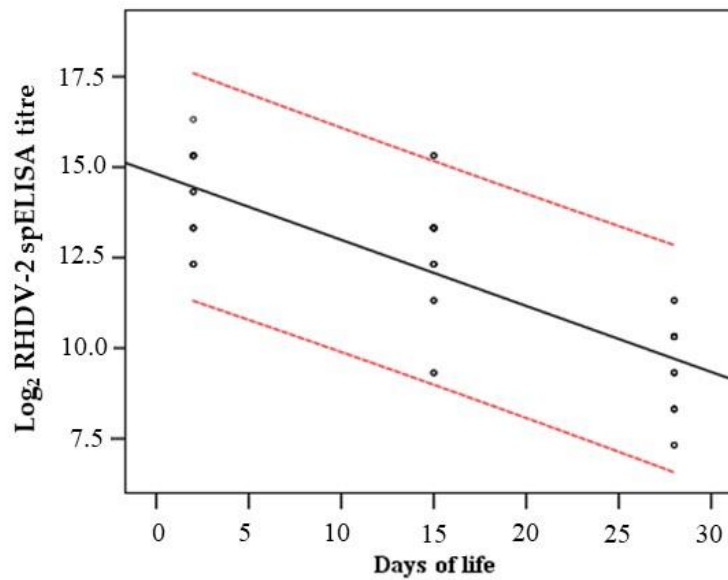
<sup>1</sup> AI: artificial insemination.



**Figure S1.** Duration of the maternal antibody immunity against RHDV-2 in rabbit kittens (spELISA). Results are represented as (a) average and standard deviation of Log<sub>2</sub> spELISA titres and (b) as percentage of positive rabbits. Rabbit kittens were born from breeding does vaccinated with either ERAVAC® (Group A) or inoculated with PBS (Group B). The slashed line indicates the cut-off of the assay (5.32 Log<sub>2</sub> spELISA titre).



(a)

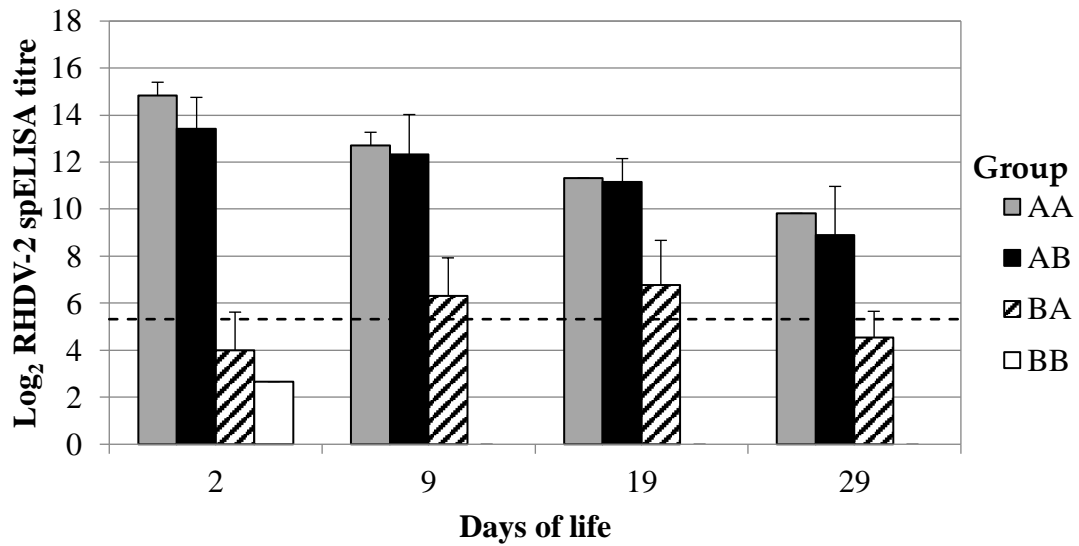


(b)

**Figure S2.** Dynamic of RHDV-2 antibodies in kittens; simple linear regression. Simple linear regression of the  $\text{Log}_2$  of titres of the (a) cELISA (ANOVA  $F(1, 42) = 68.999$ ,  $P = 0.000$ ;  $R^2 0.622$ ) and (b) spELISA (ANOVA  $F(1, 42) = 71.074$ ,  $P = 0.000$ ;  $R^2 0.629$ ) values; red slashed lines represent the lower and upper limits of the 95%CI of the regression line.

**Table S2.** Simple linear regression coefficients.

Coefficient	Value	Standard Error	Significance	95%CI	
				Lower Limit	Upper Limit
<b>cELISA</b>					
Alpha	7.999	0.272	0.0001	7.449	8.548
Beta	0.122	0.015	0.0001	-0.151	-0.092
<b>spELISA</b>					
Alpha	14.814	0.402	<0.0001	14.003	15.625
Beta	-0.182	0.022	<0.0001	-0.226	-0.139



**Figure S3.** Mechanism of RHDV-2 antibody transmission from breeding does to rabbit kittens (spELISA). Results are represented as average and standard deviation of  $\text{Log}_2$  spELISA titres. The rabbit kittens were cross fostered between ERAVAC® (**AA**) vaccinated, PBS inoculated breeding does (**BB**) or between them (**AB**, **BA**). The slashed line indicates the cut-off of the assay ( $5.32 \text{Log}_2$  spELISA titre). In group BB just few samples were tested ( $n = 2$ ) and at 9 days of life no sample was tested.