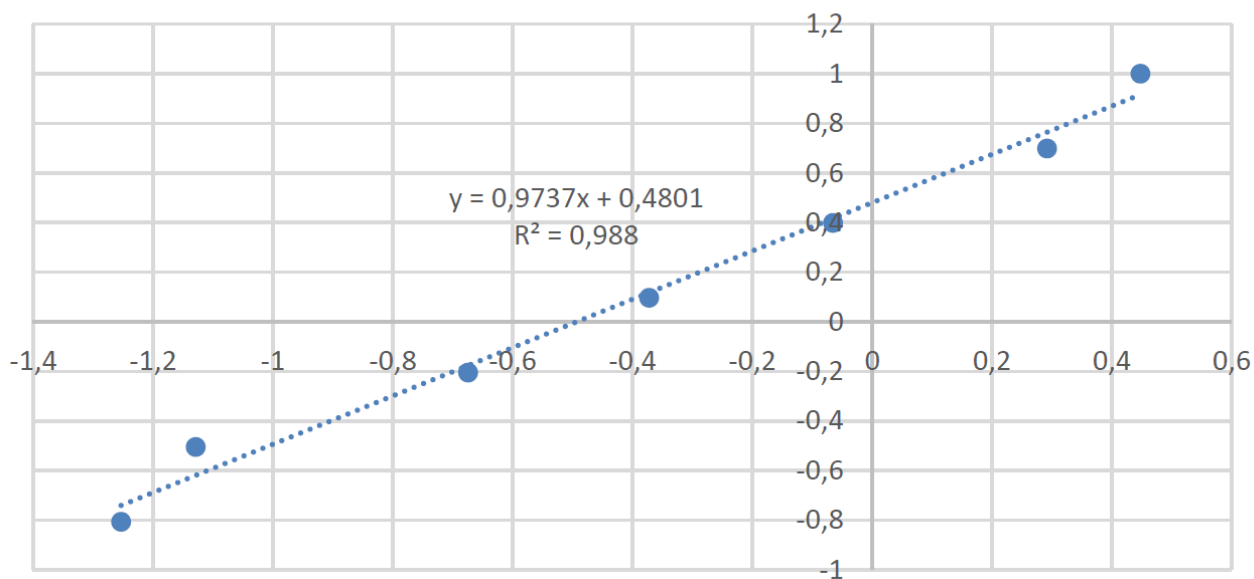


## Chemerin ELISA kit standard curve



**Supplementray Figure 1.** Chemerin ELISA kit (FineTest, China) standard curve. The range of standard curve was 0.156–10 ng/mL. The sensitivity of the assay was approximately 0.1 ng/mL.

**Table S1.** Progesterone and chemerin concentrations, as well as number of corpora lutea (CL) and embryos in the research groups. Progesterone and chemerin concentrations has been reported as the means  $\pm$  S.E.M. ( $n = 5$ ).

Research group	Number of CLs/embryos	Progesterone concentration in plasma (ng/mL)	Progesterone concentration in uterine luminal flushing (ng/mL)	Chemerin concentration in uterine luminal flushing (ng/mL)
Days 10 to 11 of gestation	13–15 CLs	16.3 $\pm$ 0.7	0.3 $\pm$ 0.03	89.74 $\pm$ 14.53
Days 12 to 13 of gestation	13–15 CLs	14.7 $\pm$ 0.5	1.0 $\pm$ 0.2	460.25 $\pm$ 32.37
Days 15 to 16 of gestation	13–15 CLs	12.9 $\pm$ 0.9	1.0 $\pm$ 0.1	281.58 $\pm$ 43.24
Days 27 to 28 of gestation	13–20 CLs 10–14 embryos	11.7 $\pm$ 0.5	0.8 $\pm$ 0.03	7.72 $\pm$ 1.88
Days 10 to 11 of the cycle	13–15 CLs	19 $\pm$ 3.4	1.1 $\pm$ 0.3	96.29 $\pm$ 9.1