Reproductive, antioxidant and metabolic responses of Ossimi rams to kisspeptin

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Abstract:

The aim of this study was to evaluate the potential reproductive, antioxidant and metabolic effects of kisspeptin-10 (KP-10) on Ossimi rams. Twelve Ossimi rams (1.5±2 years old) were divided randomly into two groups (six per group). The first one served as a control group, while the second one served as a treated group. Rams of the treated group were injected once weekly with KP-10 (5 μg/kg body weight) for one month. There were no significant differences in all measured parameters between rams of control group at pre-treatment period and those at post-treatment period. However, most examined parameters in the same rams in the treated group were affected by injection of KP-10 when comparing pre-treatment values in treated group with its post-treatment values. At the pre-treatment period, there were no significant differences between the treated and control groups regarding semen pH, mass motility

Published In:

Theriogenology, Vol. 142, pp. 414-420