

Data Sheet

BOVINE LUTEINIZING HORMONE [LH]

ANTIBODY, POLYCLONAL

Catalog no.:	AS1001.1/AS1001.2
Immunogen:	Bovine Luteinizing Hormone
Synonyms:	Lutropin
Host:	Rabbit
Matrix:	Serum
Specificity:	Bovine, human, sheep, goat, deer LH No cross reactivity was obtained with other pituitary hormones.
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA (1: 500 000)[1, 2, 3, 4, 5], EIA (1:400 000- 800 000)[4], immunohistochemistry, Western Blot This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided

References:

1. Schams D, Barth D, Karg H (1980). LH, FSH and progesterone concentrations in peripheral plasma of the female roe deer (Capreolus capreolus) during the rutting season. *J Reprod Fertil* **60**(1)**:** 109-114.

2. Walters DL, Schams D, Schallenberger E (1984). Pulsatile secretion of gonadotrophins, ovarian steroids and ovarian oxytocin during the luteal phase of the oestrous cycle in the cow. *J Reprod Fertil* **71**(2)**:** 479-491.

3. Lahlou-Kassi A, Schams D, Glatzel P (1984). Plasma gonadotrophin concentrations during the oestrous cycle and after ovariectomy in two breeds of sheep with low and high fecundity. *J Reprod Fertil* **70**(1)**:** 165-173.

4. Mutayoba BM, Meyer HH, Schams D, Schallenberger E (1990). Development of a sensitive enzyme immunoassay for LH determination in bovine plasma using the streptavidin-biotin technique. *Acta Endocrinol (Copenh)* **122**(2)**:** 227-232.

5. Bubenik GA, Brown RD, Schams D, Bartos L (1999). The effect of ACTH on the GnRH-induced release of LH and testosterone in male white-tailed deer. *Comp Biochem Physiol C Pharmacol Toxicol Endocrinol* 122(2): 173-179.

Last updated on: 19 August 2016

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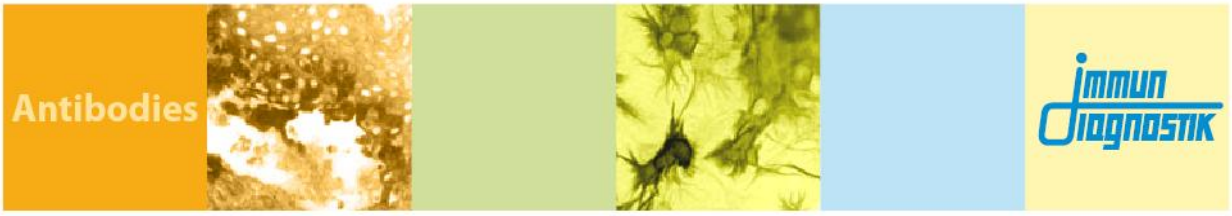

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