



## Data Sheet

# BOVINE LUTEINIZING HORMONE [LH]

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	AS1001.1/AS1001.2
<b>Immunogen:</b>	Bovine Luteinizing Hormone
<b>Synonyms:</b>	Lutropin
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Bovine, human, sheep, goat, deer LH No cross reactivity was obtained with other pituitary hormones.
<b>Contents:</b>	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	RIA (1: 500 000) <sup>1,2,3,4,5</sup> , EIA (1:400 000- 800 000) <sup>4</sup> , 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.

<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
------------------	--

<b>References:</b>	<ol style="list-style-type: none"><li>Schams D, Barth D, Karg H (1980). LH, FSH and progesterone concentrations in peripheral plasma of the female roe deer (<i>Capreolus capreolus</i>) during the rutting season. <i>J Reprod Fertil</i> <b>60</b>(1): 109-114.</li><li>Walters DL, Schams D, Schallenger E (1984). Pulsatile secretion of gonadotrophins, ovarian steroids and ovarian oxytocin during the luteal phase of the oestrous cycle in the cow. <i>J Reprod Fertil</i> <b>71</b>(2): 479-491.</li><li>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. <i>J Reprod Fertil</i> <b>70</b>(1): 165-173.</li><li>Mutayoba BM, Meyer HH, Schams D, Schallenger E (1990). Development of a sensitive enzyme immunoassay for LH determination in bovine plasma using the streptavidin-biotin technique. <i>Acta Endocrinol (Copenh)</i> <b>122</b>(2): 227-232.</li><li>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. <i>Comp Biochem Physiol C Pharmacol Toxicol Endocrinol</i> <b>122</b>(2): 173-179.</li></ol>
--------------------	---

**Last updated on:** 28 April 2022

### For research use only

**Publishing research using AS1001? Please let us know so that we can cite your publication as a reference.**

