



## Data Sheet

# BOVINE INSULIN

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	AS1011.1 / AS1011.2
<b>Immunogen:</b>	Bovine Insulin
<b>Swiss-Prot No:</b>	P01317
<b>Gene Information:</b>	Gene Name: INS GeneID: 280829
<b>Host:</b>	Guinea pig
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Bovine, deer, and domestic ruminant Insulin Cross reacts with proinsulin (40%). There was no cross reactivity obtained with IGF-1, IGF-2, glucagon, and C-peptide.
<b>Contents:</b>	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	RIA (1:100 000-200 000) <sup>1,2</sup> , EIA 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>	1. Schams D, Graf F, Graule B, Abele M, Prokopp S (1991). Hormonal changes during lactation in cows of three different breeds. <i>Livestock Production Science</i> <b>27</b> :285-296. 2. Schwarz FJ, Schams D, Ropke R, Kirchgessner M, Kogel J, Matzke P (1993). Effects of somatotropin treatment on growth performance, carcass traits, and the endocrine system in finishing beef heifers. <i>J Anim Sci.</i> ; <b>71</b> (10):2721-2731.
<b>Last updated on:</b>	28 April 2022

### For research use only

**Publishing research using AS1011? Please let us know so that we can cite your publication as a reference.**

