

## QUANTITATIVE CHANGES OF T-, B-LYMPHOCYTES IN THE PERIPHERIC BLOOD OF CALVES

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**Summary.** The aim of the study is to establish the amount of t-, b-lymphocytes in peripheral blood of calves. The experiment was made on six groups of calves from birth until 24 weeks of age. Blood was analysed by e-, ea-, eac-methods. The results show that younger animals have high immune system, but within two weeks after birth it decreases. In later periods of calf development the amount of t-, b- lymphocytes in calf blood increases gradually up to normal level characteristic of mature cattle.

**Keywords:** Calves, immunology, ontogeny, immunocompetentive cells.