

CORK REGULATION OF TRANSFERRIN CONTENT IN COWS BLOOD

O. V. Zhurenko, Yu. V. Kravchenko-Dolgaya, V. I. Karpovskiy, O. V. Danchuk

National University of Life and Environmental Sciences of Ukraine
15, Herois Oborony str., Kyiv-41, 03041, Ukraine

The results of investigations of the content of transferrin in the blood of different types of cattle breeds are presented. In cows of SVR type GDD, the content of transferrin in serum is 2.77 ± 0.06 g / dm³. Indicator SE = 0.06, so the possible difference from the mean value of the content of transferrin in the blood serum of the whole population of SVR type cows is minimal. In SVI cows of the type of GNI, the content of transferrin in serum is more by 6.5% ($p < 0.05$) in accordance with the indices of SVR type cows. the content of transferrin in the blood serum of cows of SN type of GNI is 3.13 ± 0.12 g / dm³, which is 13.0% ($p < 0.05$), respectively, in accordance with the indices of SVR-type cows and unreliable (by 6.1 %) is more than the index of animals of type IIPE.

It can be argued that in 95 % of Bovine Baccharides, the content of blood transferrin is in the range of 2.84-3.42 g / dm³. In 68% of animals of the SN type, the content of this protein does not differ by more than 0.23 g / dm³.

The results of the conducted studies indicate that in the blood serum of the weak type of BND cows, the content of transferrin is 3.10 ± 0.09 g / dm³, which is significantly higher by 11.9% ($p < 0.01$) than the indices of SVDs of the type of BND and not differs from the indicators of SWI and CH type cows. It should be noted that in 95% of cows of the weak type of BND the content of transferrin in the blood varies in the range of 2.87-2.33 g / dm³, and in 68 % of these animals its content varies within $\pm 0,19$ g / dm³.

It was found that the content of transferrin in the blood of cows of the SVR type of BND is significantly less than that of the SVI, SN type. Established inverse correlation bonds of force and balance of cortical processes with the content of transferrin in blood of cows.

Keywords: COWS, TYPES OF HIGH NERVOUS ACTIVITY, MOVEMENT REACTION, SERUM OF BLOOD, TRANSFERRIN.