عنوان فارسی مقاله:
وضعیت آنتی اکسیدانی خون و گوشت سیتیه بوقلمون پس از تغذیه با رژیم غذایی غنی شده با هیستیدین

عنوان انگلیسی مقاله:
Antioxidant status of turkey breast meat and blood after feeding a diet enriched with histidine

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک کنید.
DISCUSSION

In the present study the enzymatic system in turkey breast muscles was not affected by the diets with histidine rich materials (SDBC) or pure histidine, the precursor of carnosine-related compounds. For chickens fed a diet containing SDBC, Kopec et al. (2013a) found an increase in the activity of antioxidant enzymes in breast muscle, especially SOD and GPx, while the blood plasma enzymes were not affected by that diet (Kopec et. al., 2013a,b). The above-mentioned relations indicate that applied feeds stimulate the antioxidative mechanism differently in turkey and chicken tissues. This also can be confirmed by the relationship found between chicken and turkey erythrocytes. The addition of histidine and SDBC to the chicken diet increased the activity of enzymatic triad or at least SOD activity (Kopec et al., 2013b), whereas SOD and GPx activities in turkey erythrocytes decreased after diet supplementation with L-histidine and SDBC.