

and neutrophils cells are correlated with each other with high and significant values and varied according to the breed. Significant ($P < 0.01$) positive correlations were found between each of two antioxidant GP , CAT and SOD activities for all breeds. Considerable variations of the correlations values among breeds were found among egg weight and egg quality traits as well. Antioxidant enzymes activities, blood haematological parameters, EW and egg quality traits were correlated with high and significant values.

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