



activity. The phenotypic correlation between the enzyme activity and production traits depends on genotype and tissue. The existence of genetic variation in the GSHPx activities in different chicken breeds suggest GSHPx activity is genetically regulated which indicate that GSHPx activity of different tissues may be candidate for selection. The correlation between the enzyme and production traits which obtained in this study suggest that, this selection could be improve performance and disease resistance. The data suggest also that selective breeding of chicken for new traits