

SUMMARY

The Blood samples of eight cattle breeds as Native Black, Grey steppe, South Anatolian Red, East Anatolian Red, Holstein, Simmental, Brown Swiss and Jersey were taken from the state and private farms of various parts of Turkey during four seasons.

Blood serum Glucose, ALT, AST, ALP, LDH, GGT, CK, Cholesterol, Triglyceride, Total Protein, Total Bilirubin and Creatinine determinations and SDS-PAGE analysis for serum proteins were performed.

An average mean of parameters in the same breed were compared seasonally with other breeds.

Statistically differences on the parameters among breeds and seasons were discussed.