

Serological differentiation of West Nile, Usutu, and tick-borne encephalitis virus antibodies in birds and horses using mutant E protein ELISAs

Anne Schwarzer¹, Ute Ziegler¹, Jasmin Fertey², Markus Kreuz³, Thomas W. Vahlenkamp⁴,
Martin H. Groschup¹, Sebastian Ulbert^{2,*}

Supplementary Figures 1 - 12

ROC of WNV Equad ELISA duck/ goose

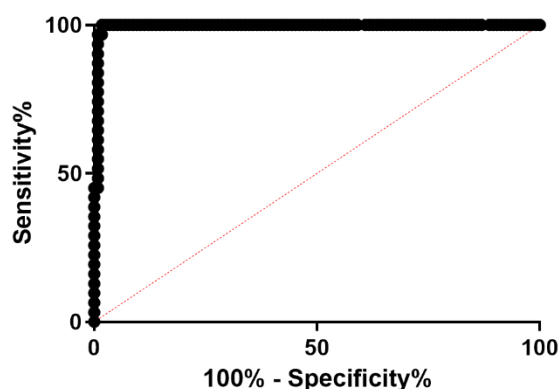


Figure S1: Curve of the receiver operating characteristics analysis of WNV Equad ELISA for duck and goose sera

ROC of WNV Equad pre-absorption ELISA duck/ goose

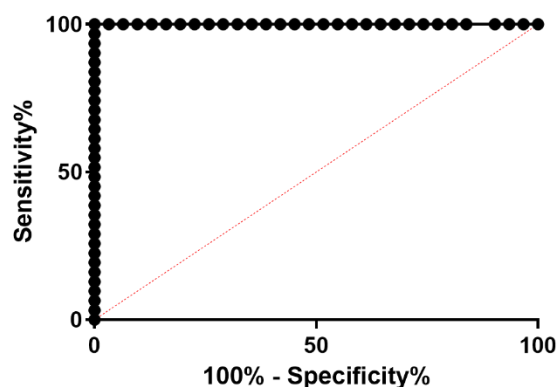


Figure S2: Curve of the receiver operating characteristics analysis of WNV Equad pre-absorption ELISA for duck and goose sera

ROC of USUV Equad ELISA duck/goose

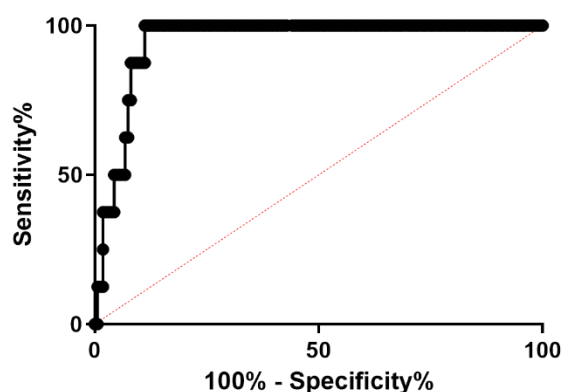


Figure S3: Curve of the receiver operating characteristics analysis of USUV Equad ELISA for duck and goose sera

ROC of USUV Equad pre-absorption ELISA duck/goose

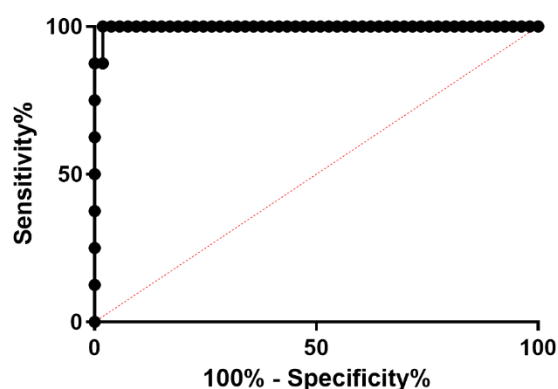


Figure S4: Curve of the receiver operating characteristics analysis of USUV Equad pre-absorption ELISA for duck and goose sera

ROC of TBEV Equad ELISA duck/ goose

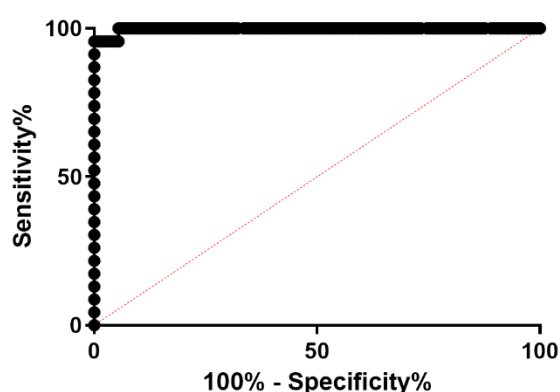


Figure S5: Curve of the receiver operating characteristics analysis of TBEV Equad ELISA for duck and goose sera

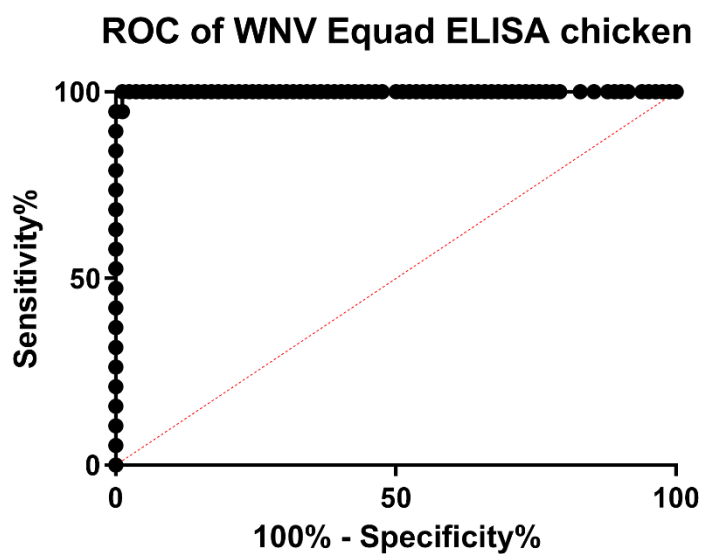


Figure S6: Curve of the receiver operating characteristics analysis of WNV Equad ELISA for chicken sera

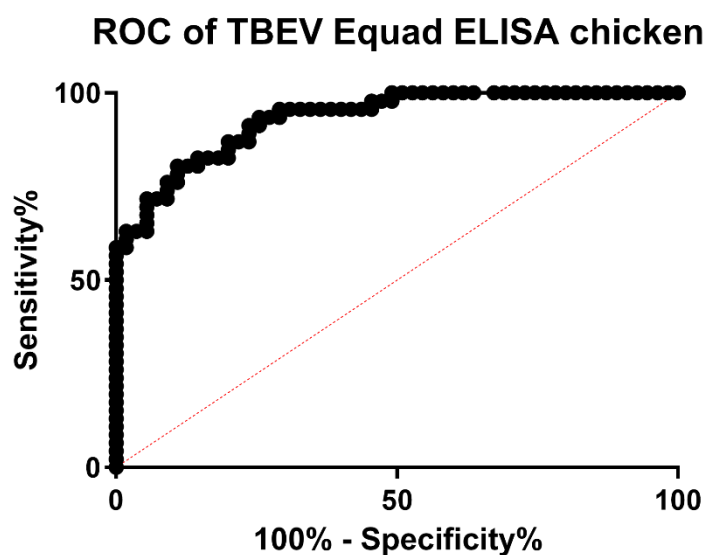


Figure S7: Curve of the receiver operating characteristics analysis of TBEV Equad ELISA for chicken sera

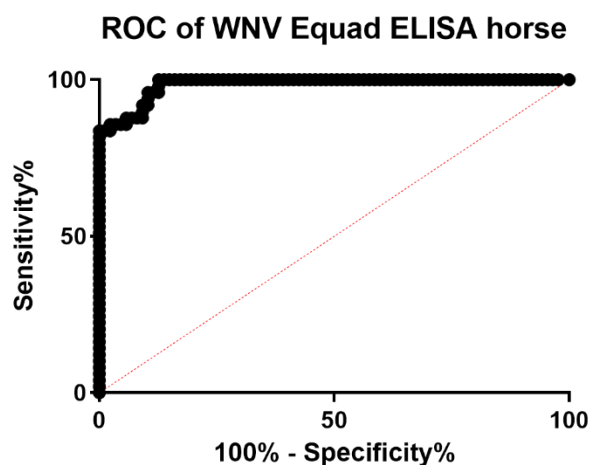


Figure S8: Curve of the receiver operating characteristics analysis of WNV Equad ELISA for horse sera

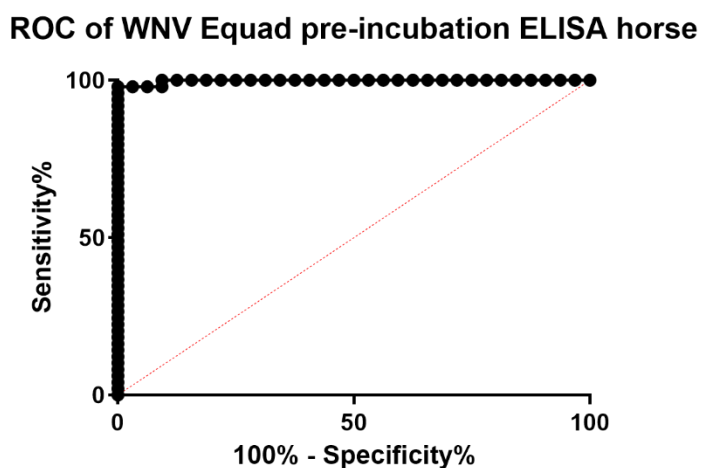


Figure S9: Curve of the receiver operating characteristics analysis of WNV Equad pre-absorption ELISA for horse sera

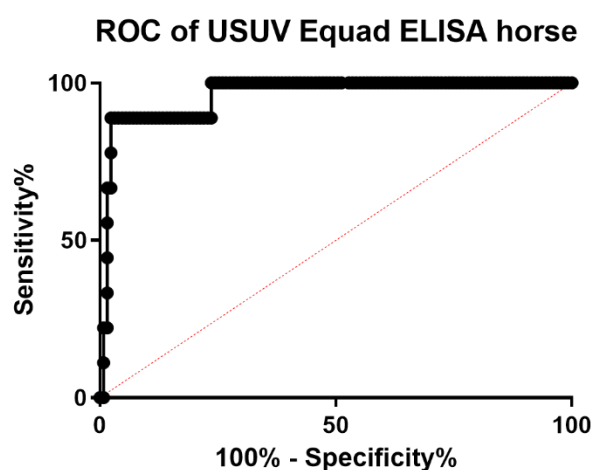


Figure S10: Curve of the receiver operating characteristics analysis of USUV Equad ELISA for horse sera

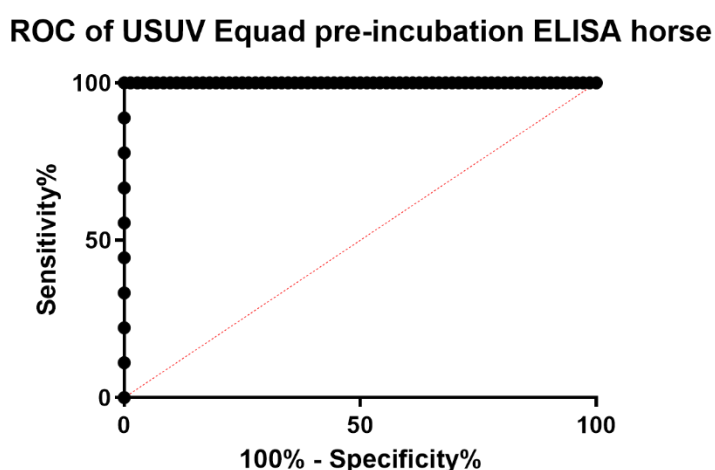


Figure S11: Curve of the receiver operating characteristics analysis of USUV Equad pre-absorption ELISA for horse sera

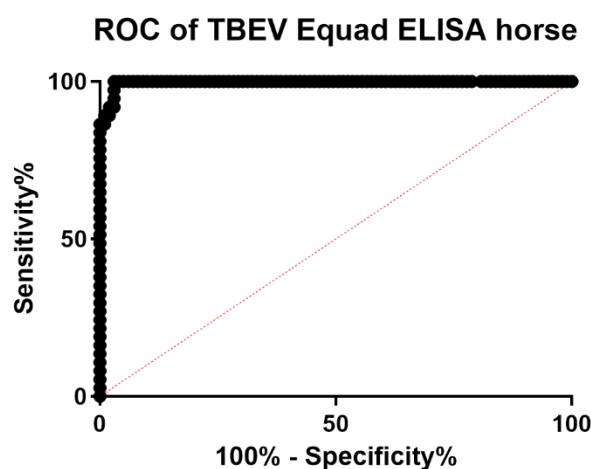


Figure S12: Curve of the receiver operating characteristics analysis of TBEV Equad ELISA for horse sera