

VMRD EAV cELISA Now Available

Equine Arteritis Virus cELISA Correlates Well with SN

Pullman, Washington, October 15, 2012—Consistent with our mission of providing high quality products, services and support to our customers, VMRD is pleased to announce the market release of an entirely new, USDA-licensed, cELISA assay for Equine Arteritis. The assay is currently available in 2-plate kits and has a total run time less than 4 hours.

This assay offers a rapid and robust alternative to serum neutralization while maintaining excellent correlation with SN. Sensitivity (SE) and (SP) specificity versus SN were 96% and 99%, respectively, in initial field testing in two AAVLD-accredited laboratories and one OIE reference laboratory. SE and SP were revised to 98% and 99% based on the consensus of repeated retesting of initial discordates in these same independent laboratories.

Additionally, the Pearson correlation coefficient for percent inhibition (%I) values in this cELISA with SN titer for the field testing data set was calculated to be 0.79 with $P < 0.0001$, indicating a high likelihood of a meaningful relationship between %I and SN titer.

The assay is highly robust and performed consistently in several different laboratories. Unlike SN, it requires no special skills or expertise beyond standard ELISA technique. Furthermore, it is unaffected by sample cytotoxicity.

In our opinion, this assay will revolutionize EAV serology making it easier, faster, and more reliable. For more information, please visit our [website](#).

VMRD was founded in 1981 by D. Scott Adams, DVM, PhD, and currently employs approximately 50 researchers, lab technicians and support personnel. From its site in Pullman, WA VMRD develops and manufactures diagnostic test kits and related reagents for distribution in more than 55 countries. As a rapidly growing company VMRD strives to preserve its family focused culture and core values of integrity and quality. Its mission to provide high quality products, services and support for customers and a harmonious and rewarding work environment for employees reflects and enforces the company's market reputation for delivering best in class products with a uniquely personal touch. As a result of this clear focus VMRD has a global impact on improvements in animal welfare through the diagnostic laboratories, animal producers, government agencies and veterinarians who use its products.