

# Free MDR1 Testing for Dogs

Clinical Trial Opportunity

Have you tested your dog for the “multidrug resistance mutation 1 (MDR1)” gene?

As part of a research study, the ISU anesthesia service is offering genetic testing for dogs at risk to be screened for FREE! This gene can cause increased sensitivity to common drugs such as flea preventative and anesthetics. The mutation is most often seen in herding breeds but can be found in any dog. Testing consists of two simple cheek swabs .

Positive dogs will be asked to enroll in a multi-part sedation study and will receive complimentary bloodwork. To see if your dog

qualifies please scan the QR code and register or reach out to Dr. Hay-Kraus and Dr. Deom at [bhkraus@iastate.edu](mailto:bhkraus@iastate.edu) and [kdeom@iastate.edu](mailto:kdeom@iastate.edu).

