



VMRD, Inc.

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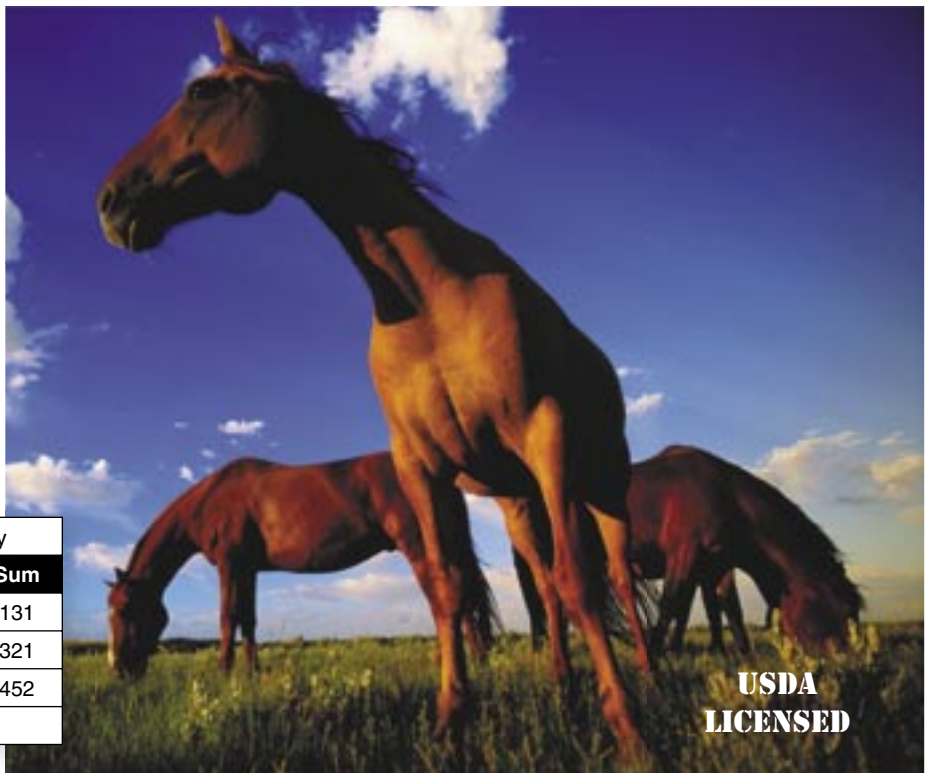
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Equine Infectious Anemia Virus Antibody Test Kit, AGID

VMRD's Equine Infectious Anemia Virus (EIAV) Agar Gel Immunodiffusion (AGID) test detects precipitating antibodies in sera of Equidae to purified recombinant EIA virus core protein of 26,000 molecular weight (p26). Using highly purified recombinant p26 protein antigen reduces problems of interpretation associated with extraneous precipitin lines from contamination by non-relevant antigens. The antigen-antibody precipitation reaction takes place in agar gel using the 7-well standard procedure developed by John W. Black and described by Pearson (American Association of Veterinary Laboratory Diagnosticians, 22nd Annual Proceedings, pp. 449-462, 1979). Purified soluble EIA p26 virus antigen is placed in the center well and reference positive control serum is placed in three alternating peripheral wells. Sample sera are placed in the three remaining wells. After incubation, reference lines form between the antigen well and the reference positive control serum wells. Sample sera, if positive, will form a line that fuses with reference positive control lines or that deviate the reference positive control lines inward near the sample well without formation of a visible line. Negative sera will neither form a line that fuses with the reference positive control line nor cause deviation of the reference positive control lines.

About Equine Infectious Anemia

Equine Infectious Anemia (EIA) is caused by a lentivirus. It produces acute episodes of disease that are interspersed with clinically normal periods. The acute episodes usually last for a few days and are associated with fever, thrombocytopenia, and anemia. In most infected horses, the disease episodes occur with less and less frequency until an inapparent carrier state develops. The infection is life long and, if stressed, inapparent carrier horses may express recurrent viremia and disease. Transmission occurs by transfer of blood from one horse to another by biting insects or contaminated needles and instruments. Transmission is most likely during episodes of clinical disease when the virus titer is highest in the blood, and is least likely during the carrier stage. Unfortunately, it is difficult to know at what stage an infected horse may be and when another episode might occur. It can be diagnosed by detection of antibody to the capsid p26 protein of the virus. This internal viral protein is relatively conserved among EIA virus strains, allowing detection of antibody in virtually all infected horses.



**VMRD's EIA AGID Test Kit Is
Always In Stock.
Zero Back Orders!**

		Reference Assay		
		+	-	Sum
VMRD EIA AGID	+	131	0	131
	-	1	320	321
Sum		132	320	452

Sensitivity: 99% • Specificity: 100%[§]

Composite of all Field Tests, 1995.

Equine Infectious Anemia Virus Antibody Test Kit, AGID					
Format	Species	Sample	Sensitivity	Specificity	Run Time
AGID	horses	serum	99%	100%	30 minutes*

*Incubation period is 24 hours

Catalog No.	Tests
400-200	200

USDA Licensed Product