

# EIA ★ FPA

Product #  
E1001



Ellie's EIA FPA is a qualitative test using Fluorescence Polarization technology. The test is designed to determine the presence of antibodies against Equine Infectious Anemia Virus in serum samples of horses. The presence of antibodies is indicative of prior infection with EIAV. The diagnostic test uses a peptide conjugate as a tracer. It is a simple non-subjective test.

**QUICK • EASY • ACCURATE**

**FIELD OR LABORATORY TEST**

**E1001****Equine Infectious Anemia Antibody Test Kit, FPA**

Trade Name	EIA FPA
Technology	Fluorescence Polarization Assay (FPA)
Antigen	Synthetic peptide
Analyte	Ig all classes
Species	Equine
Samples	Serum
Description	The EIA FPA is a simple, quick, and accurate assay that detects antibodies against EIA virus. It is a synthetic peptide-based fluorescence polarization assay that detects antibodies specific for viral gp45 protein. It is a non-subjective test and recommended as an AGID assay replacement or as a field assay.

**Samples****Sensitivity****Specificity****Reference method**

Negative equine serum samples n=133

n.a.

100%

AGID

All equine EIA negative serum samples were provided by the Veterinary institute Kraljevo, Serbia. All serum samples tested negative on Agar Gel Immunodiffusion Test (AGID Test)

Postitive equine serum samples n=56

100%

n.a.

AGID

All equine EIA positive serum samples were provided by the NVSL (National Veterinary Service Laboratory), USA. All serum samples tested positive on Agar Gel Immunodiffusion Test (AGID test)

**Instruments**

For reading the reaction you will need an FP instrument. **Sentry 300** instrument is a portable, battery-powered field instrument that is reading one tube at a time. **Sentry MPX** is a high throughput laboratory microplate reader. **Instruments are available on loan or purchase, depending on your needs.**



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