

Technology

Animal Health

INCUINTA IDGA rp26 (EIA) KIT

Equine Infectious Anemia



INTA Castelar

Rodrigo Rojo

Karina Trono

Irene Alvarez

incuINTA Team

#Equino | #salud | #anemia | #laboratorio | #kit | #diagnóstico | #proteína

<https://www.argentina.gob.ar/inta/tecnologias/kit-incuinta-idga-rp26-aie-anemia-infecciosa-equina>

EIA is a viral disease that causes significant economic losses since it impairs the physical capabilities of horses. Chaco, Formosa, Corrientes and Misiones are the most severely affected provinces in Argentina. This disease is characterized by a general depression of equines –anemia and weakness, among other symptoms– that cause their withdrawal from the competition market for which they were selected. It is a non-communicable disease that is disseminated through the bite of the stable fly (*Stomoxys calcitrans*) or insects that are virus carriers like the forest fly.

Equine Infectious Anemia (EIA) is a controlled disease worldwide. Equines travelling to different countries for competitions are required a negative test for this disease. Hence, the Animal Health Service of Argentina (SENASA, as per the Spanish acronym) requires equines in transit to submit a negative test every two months.

Gold Standard Method to diagnose EIA.

Highly purified recombinant antigen.

Substantially more economical than identical imported kits, with guaranteed supply.

The kit includes two components: recombinant rp26 protein of the virus and positive control serum. Once rp26 and the serum from an infected horse are confronted, an antigen-antibody precipitation line is formed that becomes visible as an identification band in agar gel (AGID - Agar Gel Immunodiffusion Assay-). The kit includes: 1. Antigen: recombinant rp26; 2. Positive control serum: serum from an infected horse (positive) to EIA virus antibodies.

Transferred product

Karina Trono

IncuINTA

BOK MARINA - bok.marina@inta.gob.ar

INTA Castelar