

Equine Androsterone (ADT) ELISA Kit-Competitive

Cat. No.: EK1F999

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Equine Androsterone (ADT) ELISA Kit-Competitive is designed for the quantitative determination of Equine Androsterone (ADT) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Equine ADT.
Target Species	Equine
Species Reactivity	Equine
Detection Range	1406.26-90000 pg/mL
Sensitivity	144 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Androsterone (ADT) is an endogenous steroid hormone, neurosteroid, and putative pheromone. It is a weak androgen with a potency that is approximately 1/7 that of testosterone. Androsterone is a metabolite of testosterone and dihydrotestosterone (DHT). It plays a role in sexual differentiation during embryogenesis, maturation of the penis and scrotum at puberty, growth of facial and body hair, and development and maintenance of the prostate gland.

Target/Biomarker	Equine ADT
Target Synonym	17-Ketosteroid; 17-KS; 3 α -Hydroxy-17-Androstanone

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.