

Equine Anti-Mullerian Hormone (AMH) ELISA Kit-Sandwich

Cat. No.: EK3F467

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

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

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Equine AMH.
Target Species	Equine
Species Reactivity	Equine
Detection Range	0.5-20 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Anti-Müllerian hormone (AMH), a glycoprotein hormone structurally akin to inhibin and activin within the transforming growth factor beta superfamily, plays a pivotal role in embryonic development. Specifically, it suppresses the formation of the female reproductive tract, also known as the Müllerian ducts (paramesonephric ducts), in male embryos. Consequently, it halts the development of structures such as the fallopian tubes, uterus, and upper vagina. Anti-Mullerian Hormone (AMH), encoded by the *AMH* gene in horses, serves as a valuable marker for assessing follicle population numbers and potential fertility across various species, including horses. In mares, AMH levels may indicate ovarian senescence after the age of 20, although its variability makes it less reliable during the first two decades of life.

Target/Biomarker	Equine AMH
Target Synonym	MIF; MIH; MIS; Müllerian Inhibiting Factor; Müllerian Inhibiting Hormone; Müllerian Inhibiting Substance

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.