

Bovine Anti-Mullerian Hormone (AMH) ELISA Kit | AMH elisa kit

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CATALOG #
AAA135967

REACTIVITY
Bovine

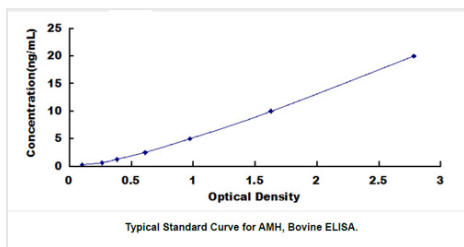
PRODUCT SYNONYMS

Anti-Mullerian Hormone (AMH); Bovine Anti-Mullerian Hormone (AMH) ELISA Kit; AMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of AMH. No significant cross-reactivity or interference between AMH and analogues was observed.
Sequence Length	367
Samples	Bovine serum, plasma and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of AMH is typically less than 0.113ng/mL. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined by adding two standard deviations to the mean optical density value of twenty zero standard replicates and calculating the corresponding concentration.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AMH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AMH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Intended Uses	The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AMH in bovine serum, plasma and other biological fluids.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMH elisa kit	Principle of the assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AMH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to AMH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AMH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of AMH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157278197
NCBI GeneID	100049306
NCBI Accession #	NP_001098198.1
NCBI GenBank Nucleotide #	NM_001104728.1
NCBI Official Full Name	anti-mullerian hormone
NCBI Official Symbol	amh
NCBI Protein Information	anti-mullerian hormone

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bovine-ovine-elisa-kits/anti-mullerian-hormone-amh/135967>