

# Canine Mullerian Inhibiting Substance/Anti Mullerian Hormone ELISA Kit | MIS/AMH elisa kit

Canine Mullerian Inhibiting Substance/Anti Mullerian Hormone ELISA Kit

|                              |                             |
|------------------------------|-----------------------------|
| CATALOG #<br><b>AAA92296</b> | REACTIVITY<br><b>Canine</b> |
|------------------------------|-----------------------------|

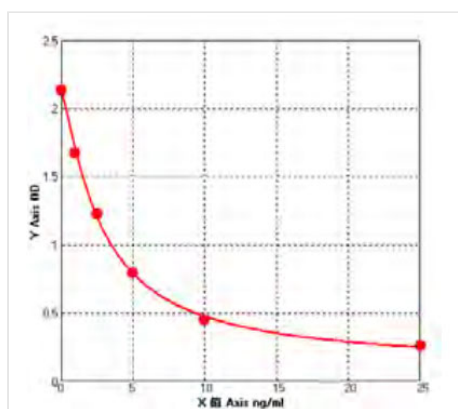
## PRODUCT SYNONYMS

Mullerian Inhibiting Substance/Anti Mullerian Hormone; Canine Mullerian Inhibiting Substance/Anti Mullerian Hormone ELISA Kit; MIS/AMH elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                                                                                                                                                                                                                |
| 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AMH and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Intended Uses           | This AMH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine AMH. This ELISA kit for research use only, not for therapeutic applications!                                                                                                                                                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MIS/AMH elisa kit | <p>Principle of the Assay: AMH ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-AMH antibody and an AMH-HRP conjugate. The assay sample and buffer are incubated together with AMH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AMH concentration since AMH from samples and AMH-HRP conjugate compete for the anti-AMH antibody binding site. Since the number of sites is limited, as more sites are occupied by AMH from the sample, fewer sites are left to bind AMH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMH concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This AMH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine AMH. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for MIS/AMH elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 157266298                                                                                                                                           |
| NCBI GeneID                      | 268                                                                                                                                                 |
| NCBI Accession #                 | NP_000470.2                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000479.3                                                                                                                                         |
| Molecular Weight                 | 59,195 Da                                                                                                                                           |
| NCBI Official Full Name          | muellerian-inhibiting factor                                                                                                                        |
| NCBI Official Synonym Full Names | anti-Mullerian hormone                                                                                                                              |
| NCBI Official Symbol             | AMH                                                                                                                                                 |
| NCBI Official Synonym Symbols    | MIF; MIS                                                                                                                                            |
| NCBI Protein Information         | muellerian-inhibiting factor; anti-Muellerian hormone; Mullerian inhibiting factor; Mullerian inhibiting substance; muellerian-inhibiting substance |
| UniProt Protein Name             | Muellerian-inhibiting factor                                                                                                                        |
| UniProt Gene Name                | AMH                                                                                                                                                 |
| UniProt Synonym Gene Names       | MIF; AMH; MIS                                                                                                                                       |
| UniProt Entry Name               | MIS_HUMAN                                                                                                                                           |

**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://stage.aaabiotech.com/mis-amh-canine-elisa-kits/mullerian-inhibiting-substance-anti-mullerian-hormone/92296>