

ARG82797 Human AMH ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82797 Human AMH ELISA Kit is an Enzyme Immunoassay kit for the quantification of AMH in Human serum and plasma (EDTA, lithium heparin).
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Cross Reactivity: AMH: 100% Inhibin A: 0.03% Actvin AB: 0.27% LH: 0.18% FSH: 0.26% HCG: 0.12% TSH: 0.39% TGF beta 1 and 2: 0.18% Prolactin: 0.38%
Target Name	AMH
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.052 ng/ml
Sample Type	Serum and plasma (EDTA, lithium heparin).
Standard Range	0.4 - 20 ng/ml
Sample Volume	25 µl
Precision	Intra-Assay CV: 3.9% Inter-Assay CV: 4.7%
Alternate Names	AMH; Muellierian-inhibiting substance; MIF; Anti-Muellerian hormone; Muellierian-inhibiting factor; MIS

Application Instructions

Assay Time	1 hour 15 min
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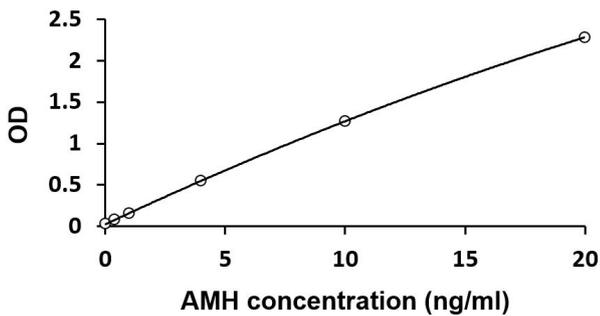
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AMH
Gene Full Name	anti-Mullerian hormone
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate N- and C-terminal cleavage products that homodimerize and associate to form a biologically active noncovalent complex. This complex binds to the anti-Mullerian hormone receptor type 2 and causes the regression of Mullerian ducts in the male embryo that would otherwise differentiate into the uterus and fallopian tubes. This protein also plays a role in Leydig cell differentiation and function and follicular development in adult females. Mutations in this gene result in persistent Mullerian duct syndrome. [provided by RefSeq, Jul 2016]
Function	This glycoprotein, produced by the Sertoli cells of the testis, causes regression of the Muellerian duct. It is also able to inhibit the growth of tumors derived from tissues of Muellerian duct origin. [UniProt]
Highlight	Related products: AMH antibodies: AMH ELISA Kits: New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82797 Human AMH ELISA Kit standard curve image

ARG82797 Human AMH ELISA Kit results of a typical standard run with optical density reading at 450 nm.