

Human AMH Antibody Pair Set

Catalog No.	E-KAB-0401	Applications	ELISA
Synonyms	AMH;Anti-Mullerian Hormone		

Kit components & Storage

Title	Specifications	Storage
Human AMH Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human AMH Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

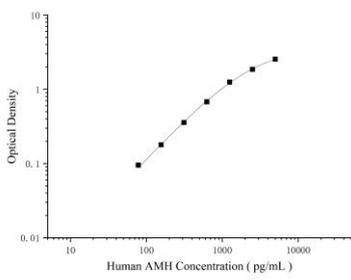
Product Information

Items		Characteristic (E-KAB-0401)	
		Human AMH Capture Antibody	Human AMH Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human AMH protien	Recombinant Human AMH protien
	Swissprot	P03971	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Human AMH in ELISAs.	

For Research Use Only

Applications

Human AMH Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Human AMH Capture Antibody	 <p>The graph displays a standard curve for the Human AMH Sandwich ELISA Assay. The x-axis represents Human AMH Concentration in pg/mL on a logarithmic scale from 10 to 10,000. The y-axis represents Optical Density on a logarithmic scale from 0.01 to 10. The data points show a clear upward trend, indicating that as the concentration of Human AMH increases, the optical density also increases.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Human AMH Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>0.1</td> </tr> <tr> <td>200</td> <td>0.2</td> </tr> <tr> <td>500</td> <td>0.5</td> </tr> <tr> <td>1000</td> <td>1.0</td> </tr> <tr> <td>2000</td> <td>2.0</td> </tr> <tr> <td>5000</td> <td>5.0</td> </tr> <tr> <td>10000</td> <td>10.0</td> </tr> </tbody> </table>	Human AMH Concentration (pg/mL)	Optical Density	100	0.1	200	0.2	500	0.5	1000	1.0	2000	2.0	5000	5.0	10000	10.0
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ELISA Detection	1:1000-1:10000	Human AMH Detection Antibody (Biotin)																	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Anti-Mullerian hormone is a member of the transforming growth factor-beta gene family which mediates male sexual differentiation. Anti-Mullerian hormone causes the regression of Mullerian ducts which would otherwise differentiate into the uterus and fallopian tubes. Some mutations in the anti-Mullerian hormone result in persistent Mullerian duct syndrome.