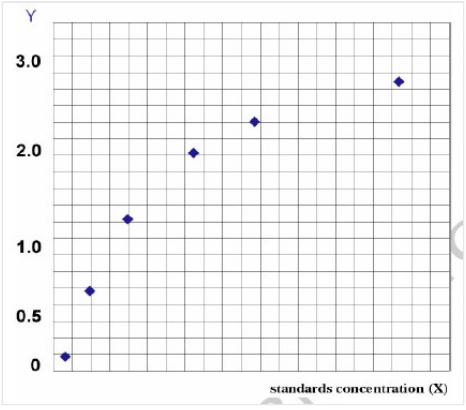
Coagulation Factor XII (F12) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Coagulation Factor XII (F12), ELISA Kit
Full Product Name	Human Coagulation Factor XII ELISA Kit
Product Gene Name	F12 elisa kit
Species Reactivity	Human
Assay Type	Competitive or Sandwich
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	68,012 Da
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Highest Standards	100ng/mL
Concentration of Standards	Concentration of Standards||0,5,10,25,50,100ng/mL
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for F12 elisa kit	MBS729641 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Coagulation Factor XII (F12) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing F12. The ELISA analytical biochemical technique of the MBS729641 kit is based on F12 antibody-F12 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect F12 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, F12. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of F12 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Typical Testing Data/Standard Curve (for reference only) of F12 elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for F12. It may not necessarily be applicable to this product.

NCBI GI #	4165317
NCBI GeneID	397474
NCBI Accession #	BAA37148.1
UniProt Related Accession #	O97507
NCBI Official Full Name	FXII
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	FXII
UniProt Protein Name	Coagulation factor XII
UniProt Synonym Protein Names	Hageman factor; HAF
Protein Family	Coagulation factor
UniProt Gene Name	F12
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_PIG
NCBI Protein Information	coagulation factor XII; HAF; hageman factor
UniProt Comments for F12	Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa ().
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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