

Caprine Heparan Sulfate (HS) ELISA Kit-Competitive

Cat. No.: EK1F626

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Caprine Heparan Sulfate (HS) ELISA Kit-Competitive is designed for the quantitative determination of Caprine Heparan Sulfate (HS) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Caprine HS.
Target Species	Caprine
Species Reactivity	Caprine
Detection Range	0.31-20 ng/mL
Sensitivity	0.19 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Heparan sulfate (HS) is a linear polysaccharide found in all animal tissues. It occurs as a proteoglycan (HSPG, i.e., Heparan Sulfate Proteoglycan) in which two or three HS chains are attached in close proximity to cell surface or extracellular matrix proteins. HS binds to a variety of protein ligands and regulates a wide range of biological activities, including developmental processes, angiogenesis, blood coagulation, and tumor metastasis. It has been found to serve as receptor for initial cell binding of numerous viruses.

Target/Biomarker	Caprine HS
Target Synonym	HS; Heparan Sulfate

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.