

Ovine Hyaluronic Acid (HyA) ELISA Kit-Competitive

Cat. No.: EK1F907

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Ovine Hyaluronic Acid (HyA) ELISA Kit-Competitive is designed for the quantitative determination of Ovine Hyaluronic Acid (HyA) 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 Ovine HyA.
Target Species	Ovine
Species Reactivity	Ovine
Detection Range	6.26-400 ng/mL
Sensitivity	1.81 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

Hyaluronic acid (also known as hyaluronan or hyaluronate) is an anionic, nonsulfated glycosaminoglycan distributed widely throughout connective, epithelial, and neural tissues. It helps the joints function smoothly by preventing bones from grinding against each other and reduces pain and the risk of injury. In a sheep model, it has been reported that HA may have a role in preventing the progression of osteoarthrotic temporomandibular joint osteoarthritis.

Target/Biomarker	Ovine HyA
Target Synonym	Hyaluronan; Hyaluronate

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.