

Ovine Collagen Type I Alpha 1 Chain (COL1A1) ELISA Kit-Sandwich

Cat. No.: EK8F157

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Ovine Collagen Type I Alpha 1 Chain (COL1A1) ELISA Kit-Sandwich is designed for the quantitative determination of Ovine COL1A1 in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Ovine COL1A1.
Target Species	Ovine
Species Reactivity	Ovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Collagen type I alpha 1 chain is encoded by the *COL1A1* gene in sheep. Collagens are a family of proteins that enhance and support numerous tissues throughout the body. Type I collagen, for which the COL1A1 gene provides essential instructions, is integral to the structure of cartilage, bone, tendons, skin, and the sclera (white part of the eye). Additionally, COL1A1 serves as an early marker for osteoblasts.

Target/Biomarker	Ovine COL1A1
Target Synonym	Collagen Type I Alpha 1 Chain; COL1A1; collagen alpha-1(I) chain; collagen 1
Gene ID	443483

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.