

Taurine (Tau) ELISA Kit-Competitive

Cat. No.: EK1F724

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic General Taurine (Tau) ELISA Kit-Competitive is designed for the quantitative determination of General Taurine (Tau) 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 General Tau.
Target Species	General
Species Reactivity	General
Detection Range	15.63-1000 ng/mL
Sensitivity	4.39 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

Taurine is a sulfur-containing amino acid that is widely distributed in animal tissues. Taurine doesn't actually contribute to protein synthesis in the body. Taurine is found in certain foods, particularly animal proteins like meat, fish, and dairy products. It has functions in immune health, nervous system, hydration, heart health, eye health, and antioxidant properties. It was first isolated from the bile of an ox (*Bos taurus*), which is where its name originated.

Target/Biomarker	General Tau
Target Synonym	2-Aminoethanesulfonic Acid; Tauric Acid

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.