



Taurine [G-BSA] (DAG3410)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Conjugate	G-BSA
Applications	Immunoassays
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	Taurine, or 2-aminoethanesulfonic acid, is an organic acid. It is a major constituent of bile and can be found in the large intestine and in the tissues of many animals, including humans. Taurine is the most abundant free amino acid in the human body. It has a ubiquitous distribution and accounts for approximately 0.1% of total body weight. Taurine has many fundamental biological roles such as conjugation of bile acids, antioxidation, osmoregulation, membrane stabilization and modulation of calcium signaling. Taurine is essential for cardiovascular function, and development and function of skeletal muscle, the retina and the central nervous system.
Keywords	Taurine; 2 aminoethanesulfonic acid; 2-sulfoethylamine; 2-Aminoethylsulfosäure; TATU; TAURINE,REAGENT; Ethylaminosulfonic acid; O-Due; Aminoethanesulfonic acid; TaurineForSynthesis; TURIN