CREATIVE BIOMART®
Assay Kit

Amyloid Stain Kit (Thioflavin T Method)

Product Information

Product Overview

Amyloid is an amorphous extracellular eosinophilic material that accumulates in various tissues and organs, resulting in amyloidosis. Amyloid is primarily composed of proteins arranged in antiparallel β-pleated sheet structures. Electron microscopy reveals non-branching fibrils arranged extracellularly in random orientations.
Traditional amyloid detection methods include methyl violet staining, Congo red staining, and polarized light microscopy. This kit employs a fluorescence-based method using Thioflavin T (ThT), a benzothiazole dye that exhibits enhanced fluorescence upon binding to amyloid fibrils and amyloid-β protein, enabling specific localization of amyloid deposits.

Size

2*20 mL

Storage

Store at -20 °C, protected from light. Shelf life: 6 months.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA