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Datasheet

Catalase, 2x

Catalog Number: P5220

Regulation Status: For research use only (RUO)

Product Description: Solution. 2x crystalline. 0.22 um filtered.

Host: Bovine

Theoretical MW (kDa): 240

Biological function: Catalase is an enzyme responsible for the degradation of hydrogen peroxide. It is a protective enzyme present in nearly all animal cells.

Applications: Enzyme
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: Native protein purified from Bovine Liver

Activity: Minimum of 30,000 units/ml. One Unit decomposes one micromole of hydrogen peroxide per minute at 25°C, pH 7.0.

Recommend Usage: Catalase Assay; Free radical research; Deoderization; Decomposition of residual hydrogen peroxide after bleaching woven and knitted cotton fabrics before drying; Cysteamine determination; Gluconic and glycolic acid production; Cleaning silicon and semiconductor plates.

Storage Instruction: Store at 4°C. Do not freeze. This product is stable for at least 3 months.

Entrez GeneID: 531682

Gene Symbol: CAT

Gene Alias: MGC128112