

## CAT

### Native Bovine Liver Catalase

<b>Catalog No.</b>	CSI14871B	<b>Quantity:</b>	100 mg
	CSI14871C		500 mg
	CSI14871D		1 g

**Alternate Names:** H<sub>2</sub>O<sub>2</sub>:H<sub>2</sub>O<sub>2</sub> oxidoreductase

**Description:** Catalase is an enzyme found in the blood and in most living cells that catalyzes the decomposition of hydrogen peroxide into water and oxygen.

Catalase has one of the highest turnover rates for all enzymes; one molecule of catalase can convert millions of molecules of hydrogen peroxide to water and oxygen per second.

In microbiology, the catalase test is used to differentiate between bacterial species in the lab.

**Gene ID:** 531682

**Source:** Bovine Liver

**Formulation:** Lyophilized

**Appearance:** Green Powder

**Specific Activity:** Typically >1000 U/mg powder @ 25°C

**Reconstitution:** Reconstitute the protein at 1 – 10 mg/ml in 0.05 M sodium phosphate, pH 7.0.

**Storage & Stability:** Store at -20°C.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

