

## CAT Native Bovine Catalase

<b>Catalog No.</b>	CSI19635A CSI19635B	<b>Quantity:</b>	10,000 Units 25,000 Units
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**Alternate Names:** H<sub>2</sub>O<sub>2</sub>:H<sub>2</sub>O<sub>2</sub> oxidoreductase

**Description:** Native Bovine Catalase derived from Beef Liver. Beef liver catalase monomer consists of a 506 amino acid polypeptide chain plus one heme group and one NADH molecule. 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:** Liquid

**Protease:** Thymol Free

**Biological Activity:** > 250,000 U/ml at 25°C.

**Storage & Stability:** Store at 2-4°C. 2 years.

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