

## AMY2B

### AMY2B, Native Pig Alpha Amylase

**Catalog No.** CSI10393                      **Quantity:** 2.5 x 10<sup>4</sup> Units  
CSI10394    1.0 x 10<sup>5</sup> Units

**Alternate Names:** alpha-amylase, Alpha-amylase carcinoid, Alpha-amylase-2B, carcinoid alpha-amylase, pancreatic alpha-amylase-2B

**Description:** Native Pig Alpha Amylase

**Concentration:** Typically >0.5 mg/ml

**GenelD:** 397397

**Source:** Pig pancreas

**Molecular Weight:** ~54 kDa

**Formulation:** Lyophilized from 150 mM NaCl + 3 mM CaCl

**Specific Activity:** Typically > 100 units/mg at 37°C. One unit will catalyze the hydrolysis of 1 µM of maltopentaose, which through coupled reactions results in the formation of 5 µM of glucose-6-phosphate per minute at 37°C. Measured at 340 nm as an equimolar amount of NADH produced by a coupled reaction.

**Storage & Stability:** Product is stable for 2 years when stored at -20°C.

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

