

## AMY1

### AMY1, Native Human Amylase alpha Salivary

<b>Catalog No.</b>	CSI19615A	<b>Quantity:</b>	3 KU
	CSI19615B		10 KU

**Alternate Names:** 1,4-alpha-D-Glucan-glucohydrolase, Amy1

**Description:** Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland (AMY1) or pancreas (AMY2). AMY1 is the isoenzyme produced by the salivary gland. Alternative splicing results in multiple transcript variants encoding the same protein (AMY1A,B,C).

**Concentration:** Typically >5 mg protein/ml

**Gene ID:** 276

**Source:** Human Saliva

**Formulation:** Liquid in a buffer containing 10 mM Tris-Cl pH7.5

**Biological Activity:** Typically >2000 units/ml

**Storage & Stability:** Store at 2-8°C.

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

