



# Native Maltase (α-Glucosidase) (DAG-WT1300)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	One unit of activity is defined as the amount of enzyme that will catalyse the transformation of 1 $\mu$ mol of the substrate per minute under standard assay method conditions.
<b>Conjugate</b>	N/A
<b>Applications</b>	Enzymatic determination
<b>Molecular Weight</b>	52 kDa
<b>Format</b>	Lyophilized
<b>Size</b>	1 KU
<b>Buffer</b>	Enzyme dilution buffer
<b>Storage</b>	Store at -20°C

## BACKGROUND

<b>Introduction</b>	Maltase is one type of alpha-glucosidase enzymes located in the brush border of the small intestine. This enzyme catalyzes the hydrolysis of disaccharide maltose into two simple sugars of glucose. Maltase is found in plants, bacteria, yeast, humans, and other vertebrates. It is thought to be synthesized by cells of the mucous membrane lining the intestinal wall.
<b>Keywords</b>	Maltase