



# Native *Bacillus subtilis* Bilirubin Oxidase (DAG-WT1273)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	One unit is defined as the amount of enzyme, which converts 1 $\mu$ mole of oxidABTS per minute 37°C under the conditions specified in the assay procedure.
<b>Conjugate</b>	N/A
<b>Applications</b>	Enzymatic determination
<b>Molecular Weight</b>	60 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>	Bilirubin oxidase belongs to the family of oxidoreductases, to be specific those acting on the CH-CH group of donor with oxygen as acceptor. The systematic name of this enzyme class is bilirubin:oxygen oxidoreductase. This enzyme is also called bilirubin oxidase M-1. This enzyme participates in porphyrin and chlorophyll metabolism. It is widely studied as a catalyst for oxygen reduction.
<b>Keywords</b>	Bilirubin Oxidase; BOD; BOx