



Native *Aspergillus niger* Glucose Oxidase HPS150 (DAG-WT1285)

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

PRODUCT INFORMATION

Product Overview	One unit of activity is defined as the amount of enzyme that will catalyse the oxidation of 1.0 micromole of glucose per minute at 25°C under the standard assay method conditions
Conjugate	N/A
Applications	Enzymatic determination
Molecular Weight	160 kDa
Format	Lyophilized
Size	1 MU
Buffer	Enzyme dilution buffer
Storage	Store at -20°C

BACKGROUND

Introduction	The glucose oxidase enzyme (GOx or GOD) also known as notatin (EC number 1.1.3.4) is an oxidoreductase that catalyses the oxidation of glucose to hydrogen peroxide and D-glucono- δ -lactone. This enzyme is produced by certain species of fungi and insects and displays antibacterial activity when oxygen and glucose are present.
Keywords	Glucose Oxidase; GOx; GOD; Notatin