



Native Cholesterol Oxidase (DAG-WT1277)

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

PRODUCT INFORMATION

Product Overview	One unit is defined as the amount of enzyme which liberates 1 μ mole of $\Delta 4$ -cholesten-3-one per minute at 37°C under the conditions specified in the assay procedure
Conjugate	N/A
Applications	Enzymatic determination
Molecular Weight	61.8 KDa
Format	Lyophilized
Size	1 KU
Buffer	Enzyme dilution buffer
Storage	Store at -20°C

BACKGROUND

Introduction	Cholesterol oxidase belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with oxygen as acceptor. The systematic name of this enzyme class is cholesterol:oxygen oxidoreductase. Other names in common use include cholesterol- O ₂ oxidoreductase, 3beta-hydroxy steroid oxidoreductase, and 3beta-hydroxysteroid:oxygen oxidoreductase. This enzyme participates in bile acid biosynthesis.
Keywords	Cholesterol Oxidase; ChOx; EC 1.1.3.6