

PRODUCT SPECIFICATION

Name	Cholesterol Oxidase (COD)
Code	HE201AE

RECEIVER INFORMATION

Storage Temperature	Below -20° C (up to 18 Months)
Storage Notes	N/A

PRODUCT INFORMATION

EC Number	1.1.3.6
Activity	≥10.0U/mg
Molecular Weight	~62kDa
pI	5.46
Michaelis constant	1.0 × 10 ⁻⁴ M (Cholesterol)
Optimum pH	6.5-7.5
pH Stability	6.0-10
Optimum Temperature	52 °C
Heated Characters	Below 60 °C
Inhibitor	Not inhibited by sodium azide
Unit Definition	One unit is defined as the amount of enzyme which oxidized 1 μ mol of Cholesterol to Hydrogen peroxide per minute at 37 °C.
Reconstitution Advice	Adding potassium ion helped stabilize enzyme activity

HEALTH AND SAFETY

Warning	For in-vitro use and research or further processing only.
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