

Product:	CHOLESTEROL ESTERASE
Product code:	CE2
E.C. number:	3.1.1.13
CAS number:	9026-00-0
EINECS number:	232-808-6
Systematic name:	Steryl-ester acylhydrolase
Alternative names:	Sterol esterase; Cholesterol ester synthase; Triterphenol esterase.
Source:	Porcine pancreas
Form:	A freeze-dried material.
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme catalysing the production of one micromole of cholesterol per minute at 37°C under specified conditions of assay.
Activity:	Not less than 35 U/mg material (approximately 45 U/mg protein).
Solubility:	Dissolves readily at 5mg/ml in 0.1M sodium phosphate buffer, pH 7.0, to give a clear solution.
Contaminants:	GO: less than 0.001% Uricase: less than 0.001% Chymotrypsin: less than 0.5% Trypsin: less than 0.5%