



# WHICH CHOLESTEROL ESTERASE IS RIGHT FOR YOU?

Discover our range of Cholesterol Esterases which best suit your application

Product Code	Description	Origin	Activity	Characteristics	Application
T-250	Cholesterol Esterase (CEN)	Microorganism (recombinant)	>100 U/mg	Optimum pH: 6.5 pH Stability: 6.0 – 11.0 (37° C, 60 min, 0.1% BSA) Thermal stability: Stable at 45° C and below (pH8.0, 30 min)	Enzymatic determination of total cholesterol, HDL-C, and LDL-C coupled with cholesterol oxidase. Suitable for preparing liquid reagents.
T-243	Cholesterol Esterase (CEBP II)	Microorganism (recombinant)	>10 U/mg	Optimum pH: 5.6 pH Stability: 4.0-8.0 (37° C, 60 min) Thermal stability: Stable at 45° C and below (pH6.0, 30 min)	Enzymatic determination of total cholesterol, HDL-C, and LDL-C coupled with cholesterol oxidase. Suitable for preparing liquid reagents.
T-18	Cholesterol Esterase (CEN)	Pseudomonas sp.	>100 U/mg	Optimum pH: 6.5 pH stability: 6.5-10.0 (37° C, 60 min) Thermal stability: Stable at 55° C and below (pH 8.0, 10 min)	Enzymatic determination of total cholesterol, HDL-C, and LDL-C coupled with cholesterol oxidase.
T-98	Cholesterol Esterase (CEBP-M)	Microorganism	>10 U/mg	Optimum pH: 7.0 pH stability: 5.0-8.0 (37° C, 60 min) Optimum temperature: 45° C (Phosphate buffer) Thermal stability: Stable at 55° C and below (pH7.5, 10 min)	Enzymatic determination of total cholesterol, HDL-C, and LDL-C coupled with cholesterol oxidase. Suitable for preparing liquid reagents.
CHES-70-1041	Cholesterol Esterase	Pseudomonas sp.	>10 U/mg	Optimal pH: 7.0 pH Stability: 5.0 – 9.0 (37°C, 60 mins) Thermal Stability: Stable at 50°C and below (pH 7.0, 10 mins)	Used in the formulation of Cholesterol testing reagents or in biosensor applications
70-6201-01	Cholesterol Esterase Type I (CEH I)	Candida rugosa	CEH I Activity: 1.90 – 3.30 U/mg powder at 37°C Lipase Activity: 0.27 – 1.63 U/mg powder at 37°C	Optimum pH: 7.3 to 7.7 Optimum Temperature: 35 – 37°C pH Stability: 4.5 to 7.5 (37°C for 1 hour) Thermal Stability: Stable at 48°C and below (2 hours)	Formulation of Cholesterol testing reagents
70-6551-03	Cholesterol Esterase Type II (CEH II)	Candida rugosa	CEH II Activity: 11-20 U/mg powder 37°C Lipase Activity: 3-8 U/mg powder at 37°C	Optimum pH: 6.5-7.5	Formulation of total cholesterol reagents when coupled with Cholesterol Oxidase.

Contact us at [info@sekisui-dx.com](mailto:info@sekisui-dx.com) for more information or to request a sample!

#### THE AMERICAS

SEKISUI Diagnostics, LLC  
One Wall Street  
Burlington, MA 01803  
Phone: 800 332 1042

Email: [questions@sekisui-dx.com](mailto:questions@sekisui-dx.com)

#### INTERNATIONAL

Sekisui Diagnostics (UK) Limited  
Liphook Way, Allington  
Maidstone, Kent, ME16 0LQ, UK  
Phone: +44 1622 607800

Email: [info@sekisui-dx.com](mailto:info@sekisui-dx.com)

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