

BCHE

Native Human Butyrylcholinesterase / BCHE

Catalog No.	CSI10409B CSI10409C	Quantity:	10 U 100 U
Alternate Names:	Cholinesterase (EC:3.1.1.8), Acylcholine acylhydrolase, Butyrylcholine esterase, BCHE, Choline esterase II, Pseudocholinesterase		
Description:	Native Human Butyrylcholinesterase is a major acetylcholine hydrolyzing enzyme found in the blood circulation.		
UniProt ID:	P06276		
Gene ID:	590		
Source:	Human plasma		
Concentration:	Lot specific, pre-lyophilization		
Volume:	Lot specific, pre-lyophilization		
Formulation:	Lyophilized from 100 mM L-Histidine, 240 mM sucrose, 0.3 mM Tween 20, pH 6.0		
Purity:	> 90 % by SDS-PAGE		
Biological Activity:	<p>≥ 200 U/mg protein</p> <p>One unit will hydrolyze 1.0 micromole of butyrylthiocholine per minute at 25°C using a Butyrylcholinesterase-Fluorescent Activity Kit (Arbor Assays).</p>		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with sterile-filtered deionized water to the original volume with gentle mixing to ensure adequate homogenization.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C for up to 1 year.		
Statement:	Prepared from plasma shown to be non-reactive for HBsAg, anti-HCV and negative for anti-HIV 1 & 2 by FDA-required tests.		

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