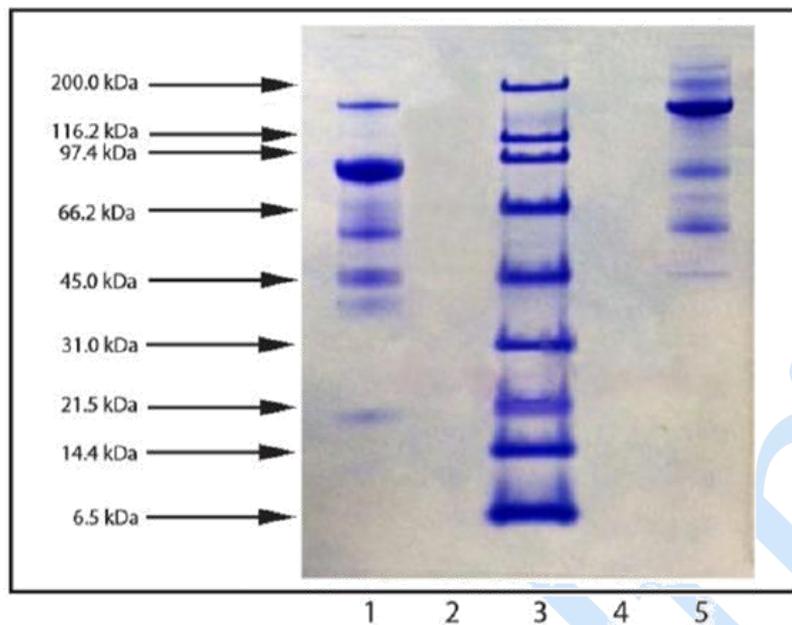


Butyrylcholinesterase, Human Plasma

np001121



SDS-PAGE: 4-12% Bis-Tris NuPAGE gel

1. 10 µg (reduced / heated)
2. <blank>
3. BRMW Standard
4. <blank>
5. 20 µg (non-reduced / no heat)

Product Datasheet

Product: Butyrylcholinesterase, Human Plasma

Catalog Number: np001121

Description: Lyophilized

Buffer: 100 mM L-Histidine, 240 mM sucrose, 0.3 mM TWEEN 20, pH 6.0

Purity: $\geq 90\%$ by SDS-PAGE

Molecular Weight: 340,000 Da



Activity: ≥ 50 U/mg protein. One unit will hydrolyze one micromole of butyrylcholine to choline and butyrate per minute at pH 8.0 at 37°C.

Protein Determination: Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 1.8$

Storage: $\leq -20^\circ\text{C}$

Stability: > 1 year

Source: Human Plasma

Testing: Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Certificate Of Origin

Product Name: Butyrylcholinesterase, Human Plasma

Catalog Number: np001121

Lot Number: Information applies to all lots produced.

Manufacturing Information: The methods and controls used in this facility for manufacturing, processing, packaging and holding of our products are in accordance with ISO9001:2015 Quality Management System.

Raw Material Information: The product contains no materials directly of animal origin and has not been in contact with products of animal origin in the course of its purification.

Country of Origin (manufacturing): United States

Biological Source Material (COO): United States

Donor Consent: The raw material used in the purification of this product has been obtained from an FDA licensed collection center. Further the donor or the donor's next of kin has given by signature full informed consent for the material to be used in commercial scientific research, including the sharing, transferring, or selling of samples to third parties involved in this research. The raw material was obtained in an ethical manner in full compliance with national legislation, and the donor identity is held as confidential information by the licensed collection center.