



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet NATIVE HUMAN APOLIPOPROTEIN B

Catalog No.
DS-01-0021

Target Species
Human

Preparation

Ultracentrifugation in density gradient. Delipidation with diethyl ether/ethanol. Gel filtration on Sephacryl S-300.

Purification: Purified apolipoprotein B from human plasma supplied as a liquid.

Formulation

Buffer Solution: 50 mM Na₂CO₃, pH 10, 50 mM NaCl and deoxycholate

Approx. Protein Concentrations: 1.0 mg/ml

Molecular Weight: 550 KDa

Purity: >90 by SDS PAGE

Applications

Table Summary of protein applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			

Note: Optimal dilutions should be determined by each laboratory for each application.

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

Reference

1. Laemmli, U. (1970) Cleavage of structural proteins during the assembly of the head of bacteriophage T4 Nature 227: 680-685.
2. Ginsburg, G. S. et al. (1984) Reassembled plasma low density lipoproteins. Phospholipid-cholesterol ester-apoprotein B complexes. J. Biol. Chem. 259: 6667-6673.
3. Helenius, A. & Simons, K. (1971) Removal of lipids from human plasma low-density lipoprotein by detergents. Biochemistry 10: 2542-2547.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**