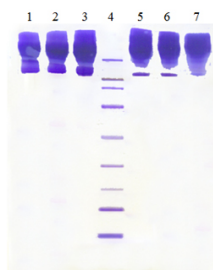


## APOB

### Native Human Apolipoprotein B, Plasma

<b>Catalog No.</b>	CSI19783A CSI19783B	<b>Quantity:</b>	500 µg 1.0 mg
<b>Alternate Names:</b>	Apolipoprotein B-100, Apo B-100, Apolipoprotein B-48, Apo-B48		
<b>Description:</b>	Apolipoprotein B is the dominant protein constituent of LDL. The concentration of Apo B in normal plasma is 90 mg per 100 ml. Apo B is thought to stabilize lipid emulsions, serve as a cofactor and modulator of enzymatic reactions, manage export of lipids out of cells and direct lipids to target organs. Apo B levels are positively correlated with the risk of coronary disease. Apo B levels may be a more sensitive predictor of cardiovascular risk than LDL levels and do not involve fasting for accurate measurement. Two forms of Apo B exist: Apo B-100 and Apo B-48. The first is found in VLDL and LDL and is produced by the liver. The second is found in chylomicrons and originates in the intestine.		
<b>UniProt ID:</b>	P04114		
<b>Gene ID:</b>	338		
<b>Source:</b>	Human plasma, fresh, non-frozen		
<b>Molecular Weight:</b>	550 kDa		
<b>Formulation:</b>	Lyophilized from 10 mM sodium deoxycholate, 50 mM sodium carbonate, 50 mM NaCl, pH 10.0		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add deionized water to an concentration of 0.1-1.0 mg/ml, aliquot and freeze unused portion.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Prepared from fresh, non-frozen plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		



1. Human Apolipoprotein B (5 µg) R  
2. Human Apolipoprotein B (10 µg) R  
3. Human Apolipoprotein B (20 µg) R  
4. Molecular Weight Markers  
5. Human Apolipoprotein B (5 µg) NR  
6. Human Apolipoprotein B (10 µg) NR  
7. Human Apolipoprotein B (20 µg) NR

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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