

**BA054****Human Apolipoprotein B / Apo B - Purified**

<b>Alternate names:</b>	Apo-B, ApoB, ApoB-100, ApoB100
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.36 mg/ml (prior to lyophilization)
<b>Background:</b>	Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 516 kDa and is mostly synthesised in the liver. It is a major apolipoprotein of very low density, intermediate density and low density lipoproteins (LDL) as well as being a major component of lipoprotein (a). Apolipoprotein B is a ligand for the LDL receptor and elevated levels are associated with premature atherosclerosis. Normal plasma apolipoprotein B levels are around 800mg/L.
<b>Uniprot ID:</b>	<a href="#">P04114</a>
<b>NCBI:</b>	<a href="#">NP_000375.2</a>
<b>GeneID:</b>	<a href="#">338</a>
<b>Species:</b>	Human
<b>Source:</b>	Plasma, Human Plasma, Low Density Lipoprotein
<b>Format:</b>	<b>State:</b> Lyophilized purified fraction (>95% pure by SDS-PAGE). <b>Purity:</b> >95% Column chromatography. single arc by IEP against whole human serum. <b>Buffer System:</b> 50 mM Na <sub>2</sub> CO <sub>3</sub> , pH 10.0, 50 mM NaCl containing 10 mM Sodium Deoxycholate. <b>Reconstitution:</b> Restore with 258 µl distilled water.
<b>Description:</b>	Purified human Apo-B
<b>Storage:</b>	Store the antigen at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	All human source materials have tested negative for HIV 1, HIV 2, anti-HCV, anti-HBc antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.