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32-6301: APOB Human

Alternative Name : APOB, APO-B, Apolipoprotein B.

Description

Source: Human Plasma.
Sterile Filtered lyophilized (freeze-dried) powder.
ApoB is the main apolipoprotein of LDL, IDL, VLDL and chylomicrons particles that serves as the carrier of lipids (fat molecules), as well as cholesterol, in the water surrounding the cells within every tissue across the body. Though all the functional aspects of Apolipoprotein B within the LDL and other elements are considered to be rather uncertain, it serves as the key organizing protein of all other carriers of lipids. across LDL membranes, apolipoprotein B also serves as a ligand for LDL receptors in many cells across the body, meaning, it shows that lipid carriers that are set to cross into cells with Apolipoprotein B receptors, this is the way that lipids are transported within and into cells.
Human APOB produced from Human plasma having a molecular mass of 550 kDa.Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â

Product Info

Amount :	100 µg / 1 mg
Purification :	Greater than 95.0%.
Content :	The protein was lyophilized from a 0.5mg/ml solution of 50mM Na2CO3 pH-10 containing 50mM NaCl and 10mM sodium deoxycholate. It is recommended to reconstitute the lyophilized APOB in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Storage condition :	Lyophilized APOB although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution, APOB should be stored at 4°C between 2-7 days and for future use below -18°C. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.