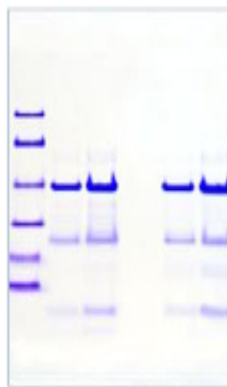


APOA4

Native Human Apolipoprotein A-IV, Plasma

Catalog No.	CSI19789A CSI19789B	Quantity:	505 µg 1.0 mg
Alternate Names:	Apolipoprotein A-IV, Apo-AIV, ApoA-IV		
Description:	<p>Apolipoprotein AIV (Apo AIV), is a major component of HDL and chylomicrons, is actively synthesized in the small intestine during fat absorption and incorporated onto the surface of nascent chylomicrons that are then secreted into lymph. When these chylomicrons enter plasma, Apo-AIV dissociates from the surface and is found primarily in the lipoprotein-free fraction.</p> <p>Apo AIV may play a role in the secretion and catabolism of chylomicrons and VLDL. It is required for efficient activation of lipoprotein lipase by ApoC-II and is a potent activator of LCAT. Apo AIV is an amphipathic protein that can emulsify lipids and has been linked to protective roles against cardiovascular disease and obesity.</p>		
UniProt ID:	P06727		
Gene ID:	337		
Source:	Human plasma		
Molecular Weight:	46 kDa		
Formulation:	1 mM Ammonium Bicarbonate, pH 8.2		
Purity:	>85% pure by SDS-PAGE analysis		
Concentration:	≥ 1.0 mg/ml, lot specific		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots at concentrations ≥ 1.0 mg/ml, and store at -80°C. Avoid repeated freeze-thaw cycles.		
Certification:	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

SDS-PAGE of Apo A-IV



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