



Human Apolipoprotein A-I (DAG375)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A complex of human Apolipoprotein A-I and 1-palmitoyl-2-oleoyl phosphatidylcholine was expressed in Human Plasma prepared at a molar ratio of 1 to 100 by the cholate removal method. rHDL has been useful in studies of cholesterol transport, anti-inflammatory m
Antigen Description	HDL is a cholesterol carrier protein that acts as a scavenger of tissue cholesterol. It is important in cholesterol efflux from tissues, and involved in the return of cholesterol from the periphery to the liver for removal as bile acids.
Species	Human
Conjugate	Unconjugated
Applications	Specific methodologies have not been tested using this product.
Format	Purified, Liquid
Concentration	1 mg/ml protein (BCA) 2.7 mg/ml (POPC)
Buffer	100mM Sodium chloride, 10mM Tris, 1mM EDTA, pH 7.4
Preservative	0.01% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterol acyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL
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deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.
[provided by RefSeq, Jul 2008]

Keywords	APOA1; apolipoprotein A-I; apo-AI;
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