

Product datasheet for **BP912**

Apolipoprotein A I (APOA1) Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1/5000-1/20000. This antibody can be used in a Sandwich ELISA with BM785 as the Capture antibody. Western Blot.
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Purified Human Apolipoprotein A1
Specificity:	This antibody reacts with Human Apolipoprotein A1 and does not react with other plasma proteins. In ELISA the following reactivities are observed: Human Apolipoprotein A1: 100% Human Apolipoprotein B: < 3% Human Albumin: < 1%
Formulation:	State: Aff - Purified State: Lyophilized purified IgG fraction containing Mannitol, Dextran and salts
Reconstitution Method:	Use sterile DI water
Purification:	Affinity Chromatography on immobilized Human Apolipoprotein A1
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein A1
Database Link:	Entrez Gene 335 Human P02647



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Background: Apolipoprotein A1 is a single polypeptide with a molecular weight of 28 kDa. It is the major protein component of high density lipoprotein particles and functions in preventing the accumulation of cholesterol loaded macrophages which deposit on the arterial wall as foam cells.

Synonyms: APOA1, ApoA-I, Apo-AI, ApoAI