ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human apo-SAA
(Serum Amyloid A)

Purified Factor Product Number HC88848B 50.0 ug
Formerly (HC88892)

DESCRIPTION:

Human apo-Serum Amyloid A (SAA) is a serum polypeptide that circulates in association with high density lipoproteins and is associated with inflammatory responses. Human SAA is found in a normal range of approximately 1-5 ug/mL in plasma and may increase more than 500-fold within 24 hours of an inflammatory stimulus. This HDL apo-lipoprotein is a 11.7 kDa protein with 104 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug SAA

BIOLOGICAL ACTIVITY:

Apo-SAA exerts its biological activity in the range 10.0-100.0 ng/mL for most in-vitro applications, as measured by ability to chemoattract human monocytes..

HANDLING AND STORAGE:

Purified Human apo-SAA factor is provided lyophilized. Store lyophilized, at -20° C. Upon reconstitution with **50 uL of 5mM Tris pH 7.6,** further dilutions can be made in PBS or other buffered solutions. Store small aliquots, **with addition of 0.1% BSA,** at -20° C for long-term storage - up to 3 months, at high concentration.

Before opening vial, it is recommended to **microcentrifuge** vial for 30 seconds to **spin-down** any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

RESEARCH USE ONLY -NOT for DRUG USE