Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 8SA1

PRODUCT NAME: Recombinant human serum amyloid A1 (SAA1)

Source: Expressed in *E.coli*

Description: Recombinant SAA isoform 1, allelic variant 1.1. Accession number UniProtKB P0DJI8.

Amino acid sequence:

MRSFFSFLGE AFDGARDMWR AYSDMREANY IGSDKYFHAR GNYDAAKRGP GGVWAAEAIS

DARENIQRFF GHGAEDSLAD QAANEWGRSG KDPNHFRPAG LPEKY

Contains N-terminal Met

Theoretical molecular weight 11 814 Da

Theoretical pl 5.88

Applications: Calibrator or standard in immunoassays

Analysis: Purity >95 % (Tricine-SDS-PAGE).

Concentration is determined spectrophotometrically

Purification: Affinity chromatography

Presentation: Lyophilized from 0.01 M HCl (pH 2.0)

It is recommended to reconstitute this product with 0.01 M HCI (pH 2.0). Do not reconstitute to higher

than 1 mg/ml concentration.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)

Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

To prepare diluted samples of SAA it is recommended to use buffer solutions containing a detergent. The selection of an appropriate detergent and its concentration is essential for the assay performance.

Material safety note:

This product is sold for research or further manufacturing use only. Standard Laboratory Practices

safety note: should be followed when handling this material.

