

β2-Glycoprotein 1 (Apo H; non recombinant; bovine)

Antigen Specification

Product Number: 11400

Description:

Bovine β2-glycoprotein 1 (β2-GP 1), also known as Apolipoprotein H or Apo H.

Natural antigen for in vitro research and manufacturing use only.

Immunological function:

Binds IgG, IgA and IgM-type human auto-antibodies. Auto-antibodies to β2-glycoprotein 1 recognize conformation-dependent and linear epitopes.

Origin:

Native. Purified from bovine calf serum by protein-chemical methods.

Biochemical tests:

SDS-PAGE (purity > 90%); Western blot with polyclonal anti-ApoH antibody.

Immunological tests/Functionality:

Standard ELISA test (checkerboard analysis of positive/negative samples).

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided. Use of reducing sulfhydryl reagents and denaturing detergents will result in the destruction of conformational epitopes.

Coating concentration:

0.5-1.0 µg/mL (depending on the type of ELISA plate and coating buffer). Suitable for labeling of functional groups. Due to the diversity of existing β2-glycoprotein 1/ApoH coating protocols (e.g. binding to phospholipid-precoated plates) further recommendations cannot be given.

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