

Product Name

Anti-FabRICATOR® Affinity Purified Biotin Conjugated 0.1 ml [0.5 mg/ml]

Product Number

A3-AF3-005

Product Description

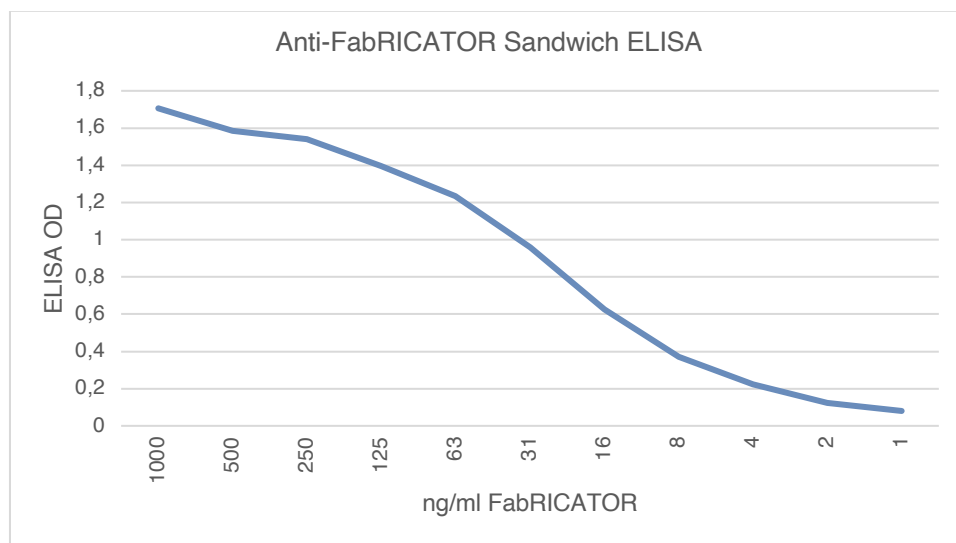
An affinity purified, biotin-conjugated goat polyclonal antibody targeting the FabRICATOR enzyme, provided in 10 mM sodium phosphate, 150 mM NaCl, pH 7.4 buffer (PBS 7.4). No preservatives are added. Supplied as a frozen solution with a concentration of 0.5 mg/ml.

Background

FabRICATOR (IdeS) is an IgG-specific cysteine protease that digests antibodies at a single amino acid site below the hinge, generating homogenous F(ab')₂ and Fc fragments. There is no other known substrate besides IgG. FabRICATOR is cloned from *Streptococcus pyogenes* and expressed in *E. coli*. FabRICATOR is produced by Genovis AB for analytical and biotech applications requiring the highest standards and consistency. Anti-FabRICATOR is affinity purified using FabRICATOR as the antigen and conjugated with biotin.

Application Example

The antibodies are qualified for the use of ELISA to detect the FabRICATOR enzyme. Here, wells were coated with Anti-FabRICATOR Affinity Purified at 2 µg/ml. The FabRICATOR enzyme was added in dilutions from 1 µg/ml to 1 ng/ml. Anti-FabRICATOR Affinity Purified Biotin-labeled was added at 1 µg/ml. HRP-Streptavidin was added in a 1:2000 dilution.



Storage and Stability

The antibodies are stable for at least five (5) years after production date when stored at -20°C. Store the product in appropriate aliquots to avoid freeze-thaw cycles. For lot specific data, see Certificate of Analysis (CoA).

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