

Immobilized IdeS protease

Cat. No. NATE-1779

Lot. No. (See product label)

Introduction

Description NATE-1779 is a resin with IdeS protease covalently coupled to agarose beads for subunit fragmentation of IgG to generate pure F(ab')₂ and Fc fragments without contaminating the final preparation with enzyme. IgG is simply incubated with the NATE-1779 resin and fragments are then easily collected by a centrifugation step. NATE-1779 cleaves IgG at one specific site below the hinge region and thereby eliminating the risk of over digestion if the incubation time is increased. NATE-1779 can be used with all commonly used buffers with pH ranging from 6.0 to 8.0. Optimization may be required. NATE-1779 cleaves all subclasses of human, monkey, rabbit and sheep IgG but only subclass IgG2a and IgG3 of mouse IgG. Fragmentation of Mouse IgG2a with NATE-1779 requires significantly longer incubation time as compared to with human IgG.

Synonyms IdeS protease; FabRICATOR; immobilized IdeS protease; immobilized FabRICATOR; FragIT

Product Information

Species Streptococcus pyogenes

Source E. coli

Form Each column include sufficient material to digest 0.5 mg IgG. It is supplied in 20% EtOH with no preservatives added.

Storage and Shipping Information

Storage It is shipped on ice and should be stored at +4-8°C upon arrival. Do not freeze the product!