

General Anti PEG antibody ELISA Kit | PEG elisa kit

Anti PEG antibody ELISA (Mouse IgG specific)

CATALOG #
AAA59620

REACTIVITY
General

PRODUCT SYNONYMS

Anti PEG antibody; Anti PEG antibody ELISA (Mouse IgG specific); PEG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store kit components at -20 degree C unless specified otherwise. Extra charge fee may add to your shipping cost as dry ice is required to ship this product.

ADDITIONAL INFORMATION

Related Product Information for PEG elisa kit

Background: Polyethylene glycol (PEG) chains are often used to modify therapeutic biologic agents in order to prolong the circulating half-life of the modified protein by slowing proteolytic degradation. It has been reported that repeat injections of PEGylated proteins can induce anti-PEG antibodies. Anti-PEG antibodies can result in rapid clearance and decreased drug efficacy (accelerated blood clearance, or ABC, phenomenon).

Principle of the Assay: This immunogenicity assay uses the direct ELISA technique. The supplied 96 well microplate is pre-coated with PEG. Quality control and test samples are pipetted into the appropriate wells. Anti-PEG antibodies bind the immobilized PEG. After washing, detection antibody (antimouse IgG Peroxidase) is added. Any unbound antibodyenzyme reagent is removed with a final wash and a substrate solution is added to the wells for color development. Color development is proportional to the amount of anti-PEG IgG.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/general-elisa-kits/anti-peg-antibody/59620>