

Human PEG ELISA Kit | PEG elisa kit

Human IgM antibodies to PEG ELISA Kit

CATALOG #
AAA59618

REACTIVITY
Human

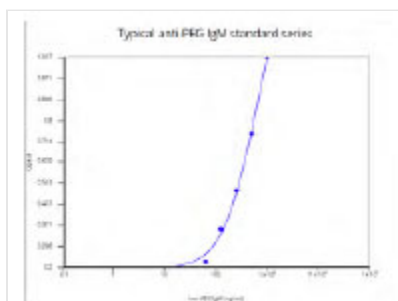
PRODUCT SYNONYMS

PEG; Human IgM antibodies to PEG ELISA Kit; PEG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PEG elisa kit

Principle of the Assay: This immunogenicity assay uses the direct ELISA technique. Test samples are first centrifuged for 15 minutes to clarify and then diluted using assay buffer. Quality control and test samples are pipetted into the appropriate wells. Anti-PEG antibodies bind the immobilized PEG. After washing, detection antibody (anti-human IgM Peroxidase) is added. Any unbound antibody-enzyme 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 IgM.

Background/Introduction: 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 exposure to PEGylated proteins can induce anti-PEG antibodies. Anti-PEG antibodies can result in rapid clearance of PEGylated protein (accelerated blood clearance, or ABC, phenomenon).

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.