

Trastuzumab (Herceptin) PK ELISA Kit

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CATALOG #
AAA13589

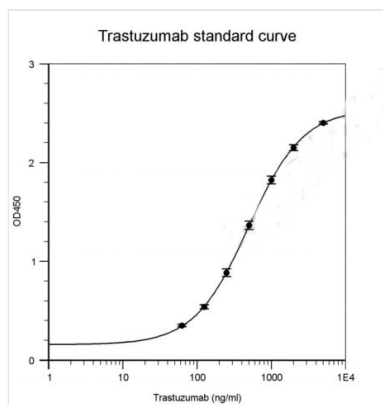
PRODUCT SYNONYMS

Trastuzumab (Herceptin) PK; Trastuzumab (Herceptin) PK elisa kit

PRODUCT SPECIFICATIONS

Specificity	hIgG1, Rituximab, and Infliximab prepared at 250 ng/mL were assayed and exhibited no cross-reactivity or interference.
Assay Type	Sandwich
Detection Range	1.25 ng/mL
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 Trastuzumab (Herceptin) PK elisa kit	Background: Trastuzumab (Herceptin) is a humanized monoclonal antibody used in the treatment of HER2- positive cancers. Trastuzumab binds to domain IV of the extracellular domain of the HER2/neu receptor. Cells treated with Trastuzumab undergo cell cycle arrest during the G1 phase. It has been suggested that trastuzumab does not alter HER-2 expression, but decreases activation of AKT. The Trastuzumab ELISA kit is designed to measure Trastuzumab with high specificity and enhanced sensitivity. The assay design utilizes a pair of antibodies that allows the detection of the whole Trastuzumab molecule in biological matrices. Principle of the Assay: This assay employs the sandwich enzyme immunoassay technique. Anti- Trastuzumab is coated onto a 96 well microplate. Calibrator, quality control samples (if desired) and test samples are pipetted into the appropriate wells. Trastuzumab present in biological matrices is bound by the immobilized anti- Trastuzumab antibody. After washing away any unbound substances, enzyme linked antiTrastuzumab antibody is added to the wells. The plate is washed to remove any unbound antibody-enzyme reagent and a substrate solution is added to the wells for color development. The color development is proportional to the amount of Trastuzumab present in test samples. The color development is stopped and the intensity of the color is measured.
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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://stage.aaabiotech.com/elisa-kits/trastuzumab-herceptin-pk/13589>