

Human EGF ELISA Kit | EGF elisa kit

Human EGF FAST ELISA Kit (High Sensitivity)

CATALOG #
AAA282451

REACTIVITY
Human

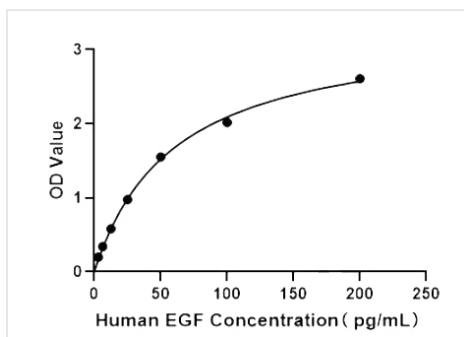
PRODUCT SYNONYMS

EGF; Human EGF FAST ELISA Kit (High Sensitivity); EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human EGF. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Assay Type	Quantitative Sandwich
Detection Range	3.12-200pg/mL
Sensitivity	< 1.56pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level EGF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level EGF were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Ship: Ice Pack

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EGF elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EGF in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human EGF has been pre-coated onto a microplate. Samples (or Standards) and biotinylated detection antibody specific for EGF are added to the wells, EGF binds to the antibody on the solid-phase vector and the detection antibody to complete the "one-step sandwich". After incubation, the wells are washed to remove unbound material, and Avidin-Horseradish Peroxidase (HRP) conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of EGF bound in the initial step. The color development is stopped and the absorbance 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://www.aaabiotech.com/human-elisa-kits/egf/282451>