

Human HEK 293 HCPs (HEK293 host cell proteins) ELISA Kit | HEK293 elisa kit

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CATALOG #
AAA27653

REACTIVITY
Human

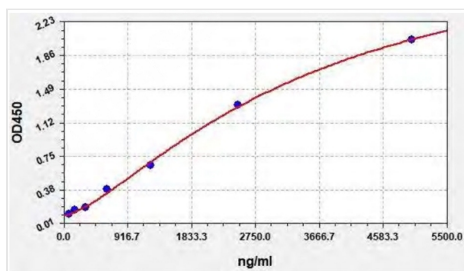
PRODUCT SYNONYMS

HEK 293 HCPs (HEK293 host cell proteins); Human HEK 293 HCPs (HEK293 host cell proteins) ELISA Kit; HEK293 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	293,293T,HEK293
Assay Type	Sandwich
Detection Range	78.125- 5000ng/ml
Sensitivity	46.875ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HEK293 elisa kit	Background: HEK293 is a human embryonic kidney cell line that was isolated from the kidney tissue of a female embryo aborted in the 1970s. This cell line was initially created by Alex van der Eb and Frank Graham in 1973 for the study of adenovirus replication and expression. Later, HEK293 cells were widely used in biomedical research and production. HEK293 residual detection refers to the detection of residual HEK293 cells in a product. This detection is typically used in the production of vaccines, antibodies, and other biological products to ensure that the final product meets quality and safety standards. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti HEK 293 HCPs antibody was pre-coated onto the 96-well plate. The biotin conjugated anti HEK 293 HCPs antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with HEK 293 HCPs conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of HEK 293 HCPs in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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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/hek-293-hcps-hek293-host-cell-proteins/27653>