

General EPI ELISA Kit | EPI elisa kit

EPI (Epinephrine/Adrenaline) ELISA Kit

CATALOG #
AAA21649

REACTIVITY
General

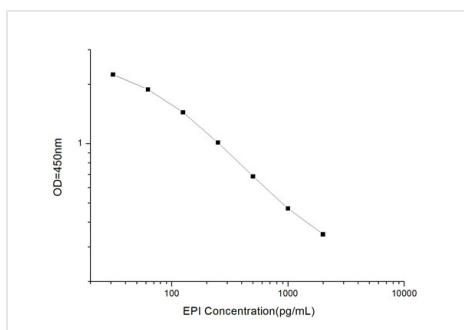
PRODUCT SYNONYMS

EPI; EPI (Epinephrine/Adrenaline) ELISA Kit; EPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes EPI in samples. No significant cross-reactivity or interference between EPI and analogues was observed.
Sequence Length	374
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level EPI were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level EPI were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPI elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with EPI. During the reaction, EPI in the sample or standard competes with a fixed amount of EPI on the solid phase supporter for sites on the Biotinylated Detection Ab specific to EPI. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of EPI in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of EPI concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223587854
UniProt Accession #	B9DR51
Molecular Weight	41,398 Da
NCBI Official Full Name	EPI protein
UniProt Protein Name	EPI protein
UniProt Gene Name	epi
UniProt Entry Name	B9DR51_LEPMC

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/general-elisa-kits/epi/21649>