

Rabbit Epinephrine/Adrenaline ELISA Kit | EPI elisa kit

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CATALOG #
AAA16306

REACTIVITY
Rabbit

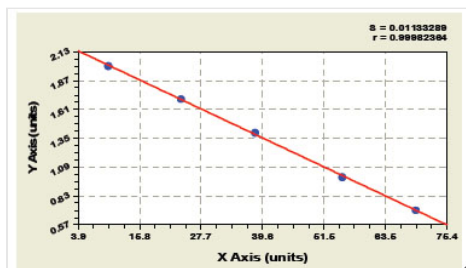
PRODUCT SYNONYMS

Epinephrine/Adrenaline; Rabbit Epinephrine/Adrenaline ELISA Kit; EPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This EPI/ADR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit EPI/ADR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPI elisa kit

Principle of the assay: EPI/ADR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EPI/ADR antibody and an EPI/ADR-HRP conjugate. The assay sample and buffer are incubated together with EPI/ADR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EPI/ADR concentration since EPI/ADR from samples and EPI/ADR-HRP conjugate compete for the anti-EPI/ADR antibody binding site. Since the number of sites is limited, as more sites are occupied by EPI/ADR from the sample, fewer sites are left to bind EPI/ADR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EPI/ADR concentration in each sample is interpolated from this standard curve.

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/epi-rabbit-elisa-kits/epinephrine-adrenaline/16306>