

Rat Epinephrine/Adrenaline, EPI ELISA Kit | EPI elisa kit

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CATALOG #
AAA15578

REACTIVITY
Rat

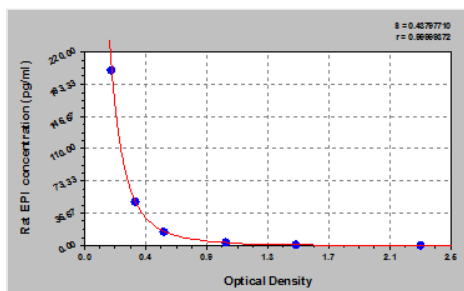
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat EPI. No significant cross-reactivity or interference between rat EPI and analogues was observed.
Sequence Length	374
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	1 pg/ml-200 pg/ml
Sensitivity	< 0.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPI elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for EPI and Horseradish Peroxidase (HRP) conjugated EPI. The competitive inhibition reaction is launched between with HRP labeled EPI and unlabeled EPI with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of EPI in the sample. The color development is stopped and the intensity of the color is measured.

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/rat-elisa-kits/epinephrine-adrenaline-epi/15578>