

Rat Angiotensin 1-7 (Ang1-7) ELISA Kit | Ang1-7 elisa kit

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CATALOG #
AAA66681

REACTIVITY
Rat

PRODUCT SYNONYMS

Angiotensin 1-7 (Ang1-7); Rat Angiotensin 1-7 (Ang1-7) ELISA Kit; Ang1-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ANG1-7. No significant cross-reactivity or interference between ANG1-7 and analogues was observed.
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	12.5-800pg/mL
Sensitivity	3.65pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANG1-7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ANG1-7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Ang1-7 elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of ANG1-7 in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to ANG1-7 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled ANG1-7 and unlabeled ANG1-7 (Standards or samples) with the pre-coated antibody specific to ANG1-7. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of ANG1-7 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of ANG1-7 in the sample.

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/angiotensin-1-7-ang1-7/66681>