

Angiotensin 1-9 (Ang1-9) ELISA Kit | Ang1-9 elisa kit

Multi-species Angiotensin 1-9 (Ang1-9) ELISA Kit

CATALOG #
AAA182417

REACTIVITY
Human, Mouse, Rat

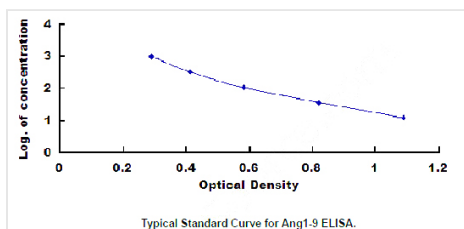
PRODUCT SYNONYMS

Angiotensin 1-9 (Ang1-9); Multi-species Angiotensin 1-9 (Ang1-9) ELISA Kit; Human/Mouse/Rat Angiotensin 1-9 (Ang1-9) (Competitive ELISA) ELISA Kit; Ang1-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	This assay has high sensitivity for detection of Ang1-9. 100% cross-reactivity of Ang1-9 was observed among human, mouse and rat.
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. due to the 100% homology of the sequence among different species, the kit can be used to detect human, mouse and rat samples
Assay Type	Quantitative Competitive
Detection Range	12.35-1,000pg/mL
Sensitivity	< 5.14pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ang1-9 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 Ang1-9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ang1-9 elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of Ang1-9 in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Due to the 100% homology of the sequence among different species, the kit can be used to detect human, mouse and rat samples. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Ang1-9 has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Ang1-9 and unlabeled Ang1-9 (Standards or samples) with the pre-coated antibody specific to Ang1-9. 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 Ang1-9 in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Ang1-9 in the sample.
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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://stage.aaabiotech.com/human-mouse-rat-elisa-kits/angiotensin-1-9-ang1-9/182417>