



## Human Angiotensin I (Ang-?) Rapid ELISA kit

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This Rapid ELISA kit applies Competitive Inhibition enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with Human Ang-?. During the reaction, Human Ang-? in the sample or standard competes with a fixed amount of Human Ang-? on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human Ang-?. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate 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 turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of Human Ang-? in tested samples can be calculated by comparing the OD of the samples to the standard curve.

Catalog No.	3522892
Size	96-Well Tests
Product Category	Rapid ELISA
Reactivity	Human
Sample	Serum; Plasma; Tissue Homogenate; Other Biological Samples
Assay Method	Competitive Inhibition ELISA
Assay Duration	45 min
Sensitivity	75 pg/mL
Standard Curve Range	125-8000 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months

