Datasheet for ABIN2871084
AGT FLISA Kit

Go to Product page

Overview

Quantity:	96 tests
Target:	AGT
Reactivity:	Human, Mouse, Rat, Dog, Pig, Guinea Pig
Method Type:	Competition ELISA
Application:	ELISA

Product Details

Analytical Method:	Quantitative
Detection Method:	Fluorometric

Target Details

Target:	AGT
Alternative Name:	Angiotensin I (AGT Products)
Pathways:	JAK-STAT Signaling, ACE Inhibitor Pathway, EGFR Signaling Pathway, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, Regulation of Lipid Metabolism by PPARalpha, Protein targeting to Nucleus, Feeding Behaviour, Monocarboxylic Acid Catabolic Process, Dicarboxylic Acid Transport, Positive Regulation of Response to DNA Damage Stimulus, Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.

Application Details

Plate:	Pre-coated
Protocol:	The immunoplate in this kit is pre-coated with a secondary antibody and the nonspecific binding sites are blocked. The secondary antibody can bind to the Fc fragment of the primary antibody (peptide antibody) whose Fab fragment will be competitively bound by both biotinylated peptide and peptide standard or targeted peptide in samples. The biotinylated peptide interacts with streptavidin-horseradish peroxidase (SA-HRP) which catalyzes the substrate. The fluorescence intensity is directly proportional to the amount of biotinylated peptide-SA-HRP complex but inversely proportional to the amount of the peptide in standard solutions or samples. This is due to the competitive binding of the biotinylated peptide with the standard peptide or samples to the peptide antibody (primary antibody). A standard curve of known concentration can be established accordingly. The unknown concentration in samples can be determined by extrapolation to this standard curve.
Restrictions:	For Research Use only

Handling

Storage:	4 °C