Human AGT Antibody Pair Set

Catalog No. E-KAB-0543 **Applications** ELISA
Synonyms ANHU;SERPINA8

Kit components & Storage

Title	Specifications	Storage
Human AGT Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human AGT Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

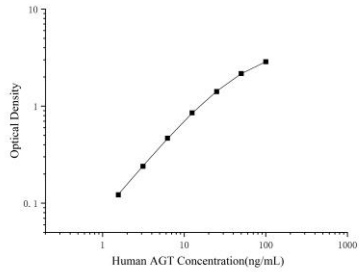
Product Information

Items		Characteristic (E-KAB-0543)	
		Human AGT Capture Antibody	Human AGT Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human AGT protien	Recombinant Human AGT protien
	Swissprot	P01019	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Protein A or G
	Specificity	Detects Human AGT in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Applications

Human AGT Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Human AGT Capture Antibody	
ELISA Detection	1:1000-1:10000	Human AGT Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

The protein encoded by this gene , pre-angiotensinogen or angiotensinogen precursor , is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product , angiotensin I , is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. The protein is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia. Mutations in this gene are associated with susceptibility to essential hypertension , and can cause renal tubular dysgenesis , a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation , and inflammatory bowel disease.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com