

Agt

Rat Renin Substrate Plasma, Male, Sodium EDTA

Catalog No.	CS389A	Quantity:	1.0 ml
	CS389B		10 ml

Alternate Names: Angiotensinogen, Serpin A8

Description: In the renin-angiotensin system (RAS), renin activates angiotensinogen to yield angiotensin I, which is further converted into angiotensin II by angiotensin-converting enzyme. Removal of the kidney generates renin/prorenin deficient plasma with high levels of angiotensinogen. This nephrectomized rat plasma can be used as a source of angiotensinogen or as a substrate for renin generation of Ang I. Plasma is collected from male rats at least 48 hours post nephrectomy. The substrate activity is determined by incubation with renin followed by Ang I radio-immune assay (RIA).

UniProt ID: P01015

Gene ID: 24179

Source: Rat Plasma

Formulation: Liquid rat plasma

Specific Activity: >1600 ng/ml, by RIA for Angiotensin I

Storage & Stability: Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.