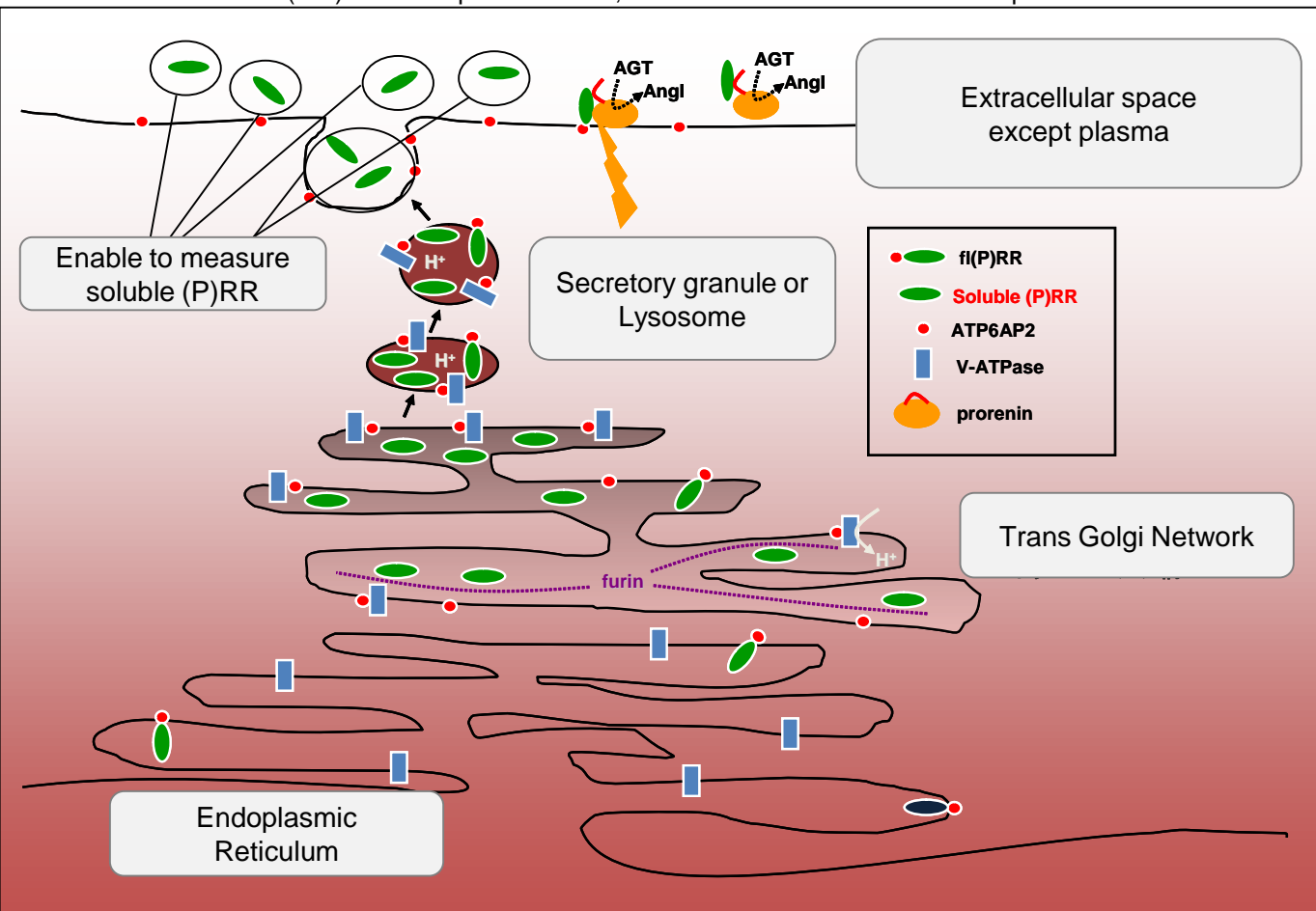


#27782 soluble (Pro) renin Receptor ELISA (Human, Mouse and Rat)

Size	Measurement Range	Measuring Samples
96 Well	125 – 8,000 ng/mL	Serum, EDTA-plasma, Urine, Cell Culture Supernatant

(Pro)renin receptor/(P)RR is a common receptor protein between renin and prorenin. It has an ability as equivalent level as renin to bind angiotensinogen and a catalytic activity for conversion from angiotensinogen to angiotensin I once it binds to the (P)RR. Additionally, its intracellular signal transmission promotes once the (P)RR is stimulated by binding with prorenin.

From the fact, it is believed that (P)RR research is important for development of strategy for a new remedy which enable to suppress over activated tissue RAA (Renin-Angiotensin-Aldosterone) system. (P)RR is a 39 kDa, single transmembrane receptor protein and it is reported that it generates 29 kDa soluble form cleaved by furin. Thus the quantitative assay of soluble (P)RR in blood or urine samples is expected to contribute a new perception for clarification of disease mechanisms and development of new tools for diseases. This assay kit enable to measure concentration of soluble (Pro)renin receptor in human, mouse and rat blood or urine samples.



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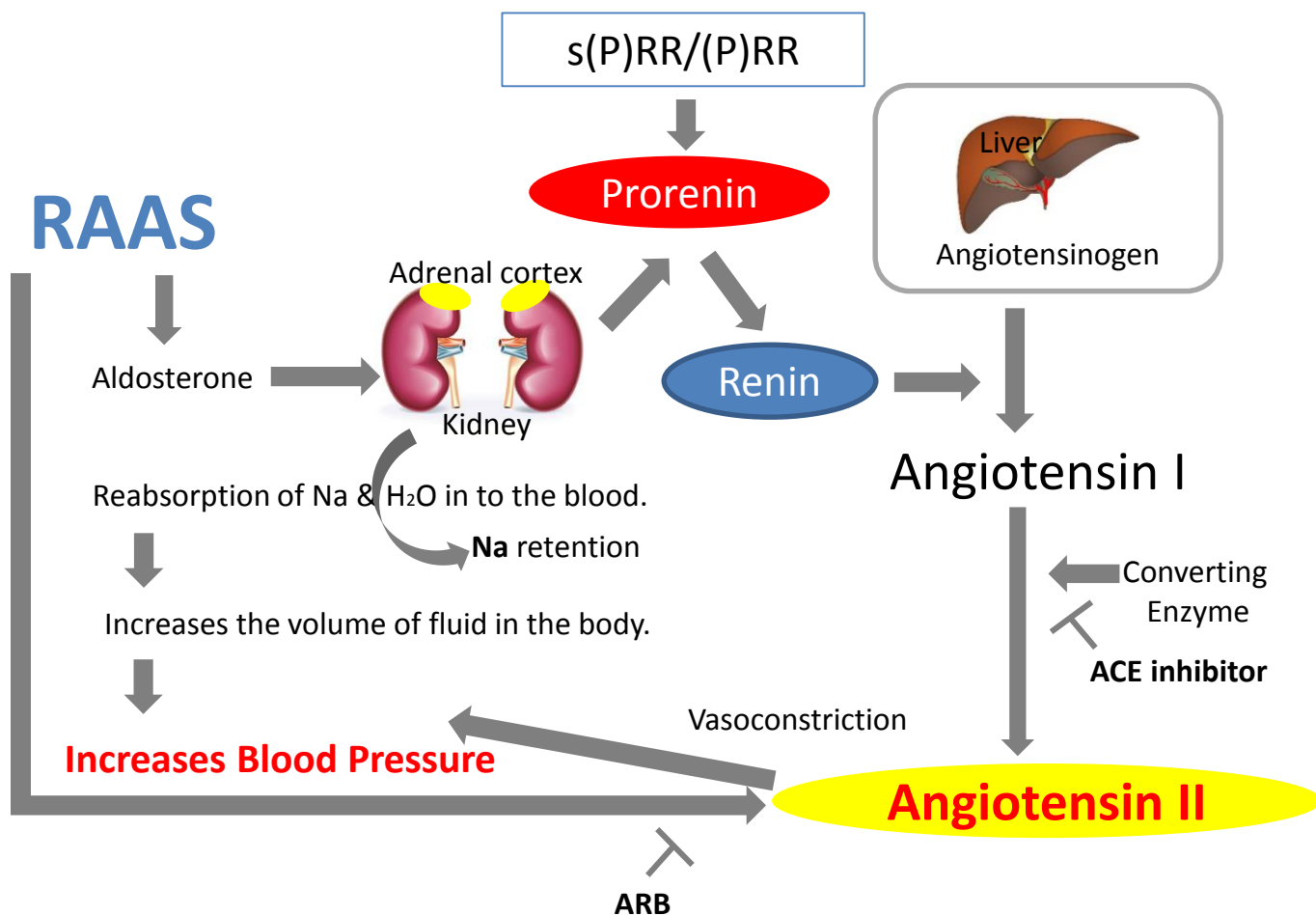
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s(P)RR

(Renin-Angiotensin-Aldosterone System; RAAS)



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