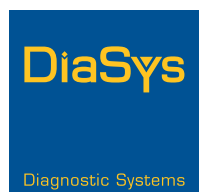


Angiotensin Converting Enzyme (ACE)

Reliable Sarcoidosis Diagnostics



- Liquid Stable, Ready to use
- Excellent accuracy and precision
- Dedicated calibrator for optimal performance



CHOOSING QUALITY.

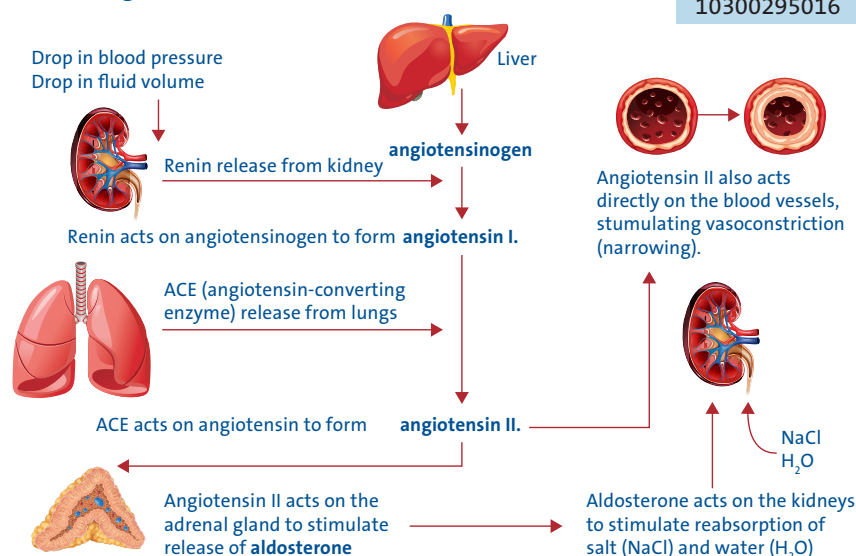
Summary

Angiotensin Converting Enzyme (ACE) is an exopeptidase (also known as kininase II), which is an important component of the renin, angiotensin, and aldosterone system (RAAS). It is a membrane-bound enzyme whose catalytic site is located on the extracellular surface of the cell membrane. ACE inhibitors are medications that help relax the veins and arteries to lower blood pressure. ACE inhibitors prevent an enzyme in the body from producing angiotensin II, a substance that narrows blood vessels. This narrowing can cause high blood pressure and forces the heart to work harder and it also releases hormones that raise blood pressure.

Clinical significance of ACE inhibitor

Sarcoidosis - ACE levels are used in the diagnosis and monitoring of this disease and are directly related to the number of organs affected and activity of granulomas. The organs which are susceptible to damage are the lungs, skin, eyes, lymph nodes, liver, etc. Other symptoms of the conditions are night sweats, a loss of appetite, joint pain, etc. ACE inhibitors are important in the management of diabetic nephropathy and other forms of chronic renal impairment as they reduce systemic blood pressure and urinary protein excretion.

Renin-angiotensin



Precision

The results are as follows:

A) Precision (N=10)

	Mean (U/L)	CV (%)
Level 1	42.28	3.24
Level 2	103.18	0.9

B) Intraday precision (N=5)

	Mean (U/L)	CV (%)
Level 1	36.97	1.96
Level 2	94.86	1.58

Sensitivity

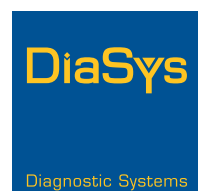
The lower limit of detection is 3 U/L.

Linearity

The test have been developed to determine the ACE concentration within a measuring range from 3-150 U/L.

Order Information

Item Code	Parameter	Pack-size
117219934841	SYS ACE	R: 1 x 10 mL
10300295015	TruCal ACE	1 x1 mL
10300295016	TruLab ACE	2 x1 mL



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PT/22/001
 Jun 2022