



# Test Definition: ACE

Angiotensin Converting Enzyme, Serum

**Reporting Title:** Angiotensin Converting Enzyme, S

**Performing Location:** Mayo Clinic Jacksonville Clinical Lab

**Necessary Information:**

The use of angiotensin converting enzyme (ACE)-inhibiting antihypertensive drugs will cause decreased ACE values. Patients taking ACE inhibitors, such as captopril and enalapril, will have extremely low or unmeasurable ACE activity. Indicate on the request form if the patient is on ACE inhibitors.

**Specimen Requirements:**

**Collection Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 0.5 mL

**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial

**Forms:**

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

[-General Request](#) (T239)

[-Cardiovascular Test Request](#) (T724)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Ambient	24 hours	
	Frozen	180 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
ACE	Angiotensin Converting Enzyme, S	Numeric	U/L	2742-5

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82164

**Reference Values:**

> or =18 years: 16-85 U/L

0-17 years: Angiotensin converting enzyme activity may be 20-50% higher in healthy children compared to healthy adults.

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For SI unit Reference Values, see <https://www.mayocliniclabs.com/order-tests/si-unit-conversion.html>