

Overview

Method Name

Enzyme Immunoassay (EIA)

NY State Available

No

Specimen

Specimen Type

Plasma EDTA

Specimen Required

Patient preparation: Patient should be on a normal sodium diet, 110 mEq of sodium. Patient should be in a recumbent posture for at least 30 minutes prior to drawing specimen. Diuretics, mineralocorticoids, glucocorticoids, estrogens, oral contraceptives, ACT medications and sodium, potassium, and posture all affect Angiotensin levels.

Specimen Type: Plasma

Container/Tube: EDTA

Specimen Volume: 3 mL

Collection Instructions: Draw blood in a lavender-top (EDTA) tube(s). Separate plasma from cells immediately after draw, and send 3 mL of EDTA plasma frozen in plastic vial.

Specimen Minimum Volume

1 mL

Reject Due To

Hemolysis	Mild reject; Gross reject
Lipemia	Mild reject; Gross reject
Icterus	NA
Other	Specimens other than Plasma EDTA. Test is strict frozen

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen	30 days	

Clinical & Interpretive

Clinical Information

Angiotensin I is a ten amino acid peptide formed by Renin cleavage of Angiotensinogen (Renin Substrate). Angiotensin I has little biological activity except that high levels can stimulate Catecholamine production. It is metabolized to its biologically active byproduct Angiotensin II by Angiotensin Converting Enzyme (ACE). The formation of Angiotensin I is controlled by negative feedback of Angiotensin II and II on Renin release and by Aldosterone concentration. Levels of Angiotensin I are increased in many types of hypertension. Angiotensin I levels are used to determine Renin activity. Angiotensin I is excreted directly into the urine.

Reference Values

Up to 25 pg/mL

Performance**PDF Report**

No

Day(s) Performed

Monday through Friday

Report Available

10 to 14 working days

Performing Laboratory Location

Inter Science Institute

Fees & Codes**Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

Test Classification

This test was performed using a kit that has not been cleared or approved by the FDA and is designated as research use only. The analytic performance characteristics of this test have been determined by Inter Science Institute. This test is not intended for

diagnosis or patient management decisions without confirmation
by other medically established means.

CPT Code Information

83520

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FANGI	Angiotensin I, P	1858-0

Result ID	Test Result Name	Result LOINC® Value
Z0939	Angiotensin I, P	1858-0