

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 collection of specimen. Diuretics, mineralocorticoids, glucocorticoids, estrogens, oral contraceptives, and ACTH medications and sodium, potassium, and posture all affect Angiotensin levels.

Specimen Type: Plasma
Collection Container/Tube: EDTA
Submission Container/Tube: Plastic vial
Specimen Volume: 3 mL
Collection Instructions:
Draw blood in a lavender-top (EDTA) tube(s).
Separate plasma from cells immediately after collection and send 3 mL of EDTA plasma frozen in plastic vial.

Specimen Minimum Volume
1 mL

Reject Due To

Gross hemolysis	Reject
Gross lipemia	Reject
Gross icterus	Reject
Other	Specimens other than Plasma ETDA. Specimens that aren't 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) I. 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 III 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 in the urine.

Reference Values

Up to 25 pg/mL

Performance

PDF Report

No

Day(s) Performed

Monday through Friday

Report Available

12 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 account representative. 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