

Angiotensin II

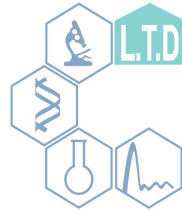
Test ID: 36718

CPT: 82163

Clinical Significance:

Angiotensin II is a eight amino acid peptide formed by Angiotensin Converting Enzyme (ACE) cleavage of Angiotensin I. Angiotensin II is metabolized further to Angiotensin III. Angiotensin II release is controlled by Renin, blood pressure, blood volume, sodium balance and by Aldosterone concentration. Levels of Angiotensin II are increased in many types of hypertension. Angiotensin II stimulates the release of Anti-Diuretic Hormone, ACTH, Prolactin, Luteinizing Hormone, Oxytocin and Aldosterone. Angiotensin II increases vasoconstriction and inhibits tubular resorption of sodium, and can increase endothelial cell growth.

Profile Components:



Labtech Diagnostics

Container:

EDTA (lavender-top) tube

Transport Temperature:

Frozen

Specimen:

1 mL plasma

Specimen Stability:

Room temperature: 12 hours
Refrigerated: 24 hours
Frozen: 28 days

Reject Criteria:

Gross hemolysis • Received room temperature • Received refrigerated

Days Performed:

Tues, Fri

Collection Instructions:

After collection, immediately centrifuge the lavender-top tube at room temperature, transfer plasma to a transport tube, and freeze. Label this tube "Frozen Plasma"