

**PAPP-A (PREGNANCY  
ASSOCIATED PLASMA PROTEIN  
– A), SERUM**

mIU/mL

(CLIA)

**Interpretation**

<b>Weeks of Gestation</b>	<b>PAPP-A medians (mIU/ml)</b>
<b>9</b>	<b>0.90</b>
<b>10</b>	<b>1.40</b>
<b>11</b>	<b>2.19</b>
<b>12</b>	<b>3.42</b>
<b>13</b>	<b>5.34</b>

**Comments**

Pregnancy Associated Plasma Protein – A (PAPP-A ) is secreted by placenta and levels elevate with gestational age. It is also expressed by a variety of tissues, but at much lower levels. Unstable or ruptured coronary artery plaques, but not stable plaques also express PAPP-A.

**Increased Levels**

- Pregnancy
- Acute Coronary Syndrome – Unstable angina & Myocardial Infarction

**Decreased Levels**

- Down syndrome – As a marker for maternal screening
- Edward syndrome - Trisomy 18 anomaly

**Clinical Use**

First Trimester Prenatal Screening

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