

# Pregnancy-Associated Plasma Protein (PAPP-A)



## Marker used in pregnancy screening, risk management, and better health outcomes

Prenatal screening tests can measure PAPP-A levels in the bloodstream. Elevated levels may indicate higher risks of fetal growth restriction, preterm birth, and preeclampsia. Early detection of abnormal PAPP-A levels can help improve health outcomes for both mom and baby.

### Medix Biochemica offers a native PAPP-A antigen

- Secure supply, at any scale
- Native sourced, purified from human serum
- High quality, lot to lot consistency
- Suitable for QC control and calibrator materials

### Product Information

#### Pregnancy-associated plasma protein (PAPP-A) derived from human serum

- Catalog number: 496-90
- Form: Frozen liquid in phosphate buffered saline, pH 7.4 with 0.02% Proclin 300
- Protein Concentration: > 1.0 mg/mL
- Purity: ≥ 80% SDS-PAGE

*Alternative name: Pappalysin-1*

#### Clinical Diagnostic Tool in

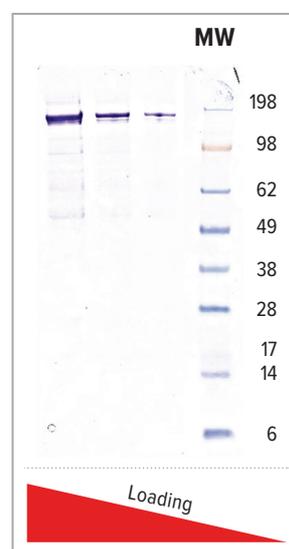
- Down syndrome
- Edward syndrome
- Patau syndrome
- Acute cardiovascular disease

#### Related Antibodies

- HM1014
- HM1015

#### Related Clinical Areas

- Fertility
- Cardiovascular
- Tumors



Reduced SDS-PAGE

## Other Clinical Significance of PAPP-A

PAPP-A regulates the availability and bioactivity of insulin growth factors (IGFs). In addition to its well established roles during pregnancy, PAPP-A has been identified as a potential biomarker for inflammation and atherosclerotic plaque instability. PAPP-A may serve as an oncogenic protein and a promising therapeutic target for breast cancer.

## Products and Ordering Information

### Native PAPP-A Antigens

| Product Name   | Product Code | Origin |
|----------------|--------------|--------|
| PAPP-A antigen | 496-90       | Serum  |

### Monoclonal PAPP-A Antibodies

| Product Name   | Product Code | Subclass |
|----------------|--------------|----------|
| PAPP-A antigen | HM1014       | IgG1     |
| PAPP-A antigen | HM1015       | IgG1     |

### Related Biospecimens

| Product Name   | Information                         | Product Code   |
|----------------|-------------------------------------|----------------|
| Amniotic fluid | Normal, single donor                | 991-02-S       |
| Umbilical cord | Whole blood, single donor           | 991-06-S       |
|                | Serum, pooled donors                | 991-21-P       |
|                | Tissue, single donor                | 991-32         |
| Serum          | Breast cancer patient sample        | 991-24-S-BC    |
|                | Single donor, 1st/2nd/3rd trimester | 991-24-PT1/2/3 |
| Whole blood    | Single donor, 1st/2nd/3rd trimester | 991-50-PT1/2/3 |
| Plasma         | Breast cancer patient sample        | 991-58-S-BC    |
|                | Single donor, 1st/2nd/3rd trimester | 991-58-PT1/2/3 |

Medix Biochemica offers 1st, 2nd, and 3rd trimester collection for both urine (991-03-PT1/2/3) and saliva (991-05-PT1/2/3). Inquire for more information.

Medix Biochemica provides a wide selection of high-quality antibodies, native and recombinant antigens, biospecimen materials, and molecular diagnostic reagents to support fertility, cardiovascular, and cancer disease testing.

## References

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