

Patient:
DOB: Age: Gender: F
Patient Identifiers:
Visit Number (FIN):

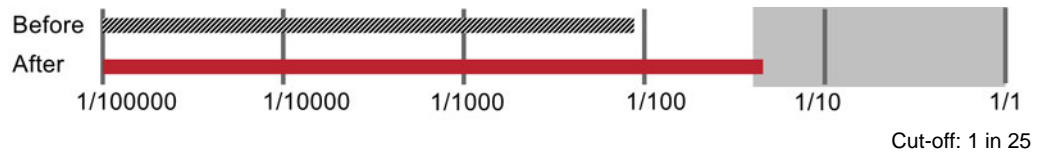
Client:
Physician:

ARUP Test Code: 3000146
Collection Date: 04/28/2021
Received in lab: 06/02/2021
Completion Date: 06/03/2021

Interpretation: SCREEN POSITIVE
Follow-up for risk of Downs and Trisomy 18 is suggested

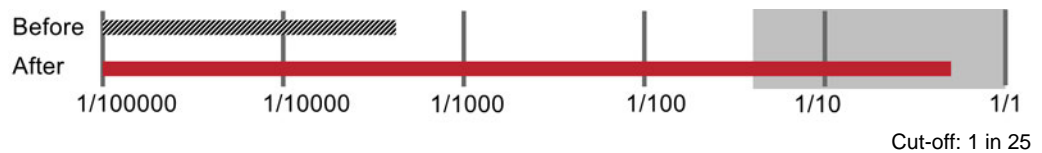
Down syndrome (DS): Positive

Risk before test: 1 in 114
Risk after test: 1 in 22



Trisomy 18 (T18): Positive

Risk before test: 1 in 2380
Risk after test: 1 in 2



Comments:

Marker	Measurement	MoM
PAPP-A	80.0 ng/mL	0.11
hCG	14524 IU/L	0.17
NT	2.50 mm	2.03



Patient: ARUP Accession: 21-118-155231

Maternal Screening, Sequential, Specimen #1, hCG, PAPP-A, NT

Patient | Date of Birth: | Gender: F | Physician:
Patient Identifiers: | Visit Number (FIN):

The risk of Down syndrome is greater than the screening cut-off. Other outcomes of positive screens include normal pregnancy, over-estimated gestational age, and fetal demise. Genetic counseling regarding the risks and benefits of cell-free DNA (NIPT) and fetal diagnostic testing is suggested. If you have questions regarding this screen, please call Genetics at 800-242-2787 ext 2141.

The risk of trisomy 18 is greater than the screening cut-off. Other outcomes of positive screens include normal pregnancy, increased risk for miscarriage, fetal demise, low birth weight and preterm labor, nonchromosomal anomalies and genetic syndromes. Genetic counseling regarding the risks and benefits of cell-free DNA (NIPT) and fetal diagnostic testing is suggested. If you have questions regarding this screen, please call Genetics at 800-242-2787 ext 2141.

The information submitted indicates that the patient had a previous pregnancy with a trisomy. This increases the pre-test risk of Down syndrome and Trisomy 18 in this pregnancy.

Information provided indicates that the patient was exposed to carbamazepine during this pregnancy. Infants who have been exposed to antiepileptic drugs (AEDs) in utero run an increased risk of congenital malformations, including neural tube defects (NTDs). Use of polytherapy with more than one AED appears to be associated with a higher risk of birth defects compared with monotherapy. Based on this information, the risk of neural tube defect is increased 9 times. Genetic counseling is recommended.

PAPP-A Maternal Compliance Statement: This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Maternal Screen Interpretation Compliance Statement: This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Patient Information Used in Risk Calculations:

Maternal Age at Delivery: 31.2 yr
Maternal Weight: 206.0 lbs.
Gestational Age at Draw: 11 wks, 6 days



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Maternal Screening, Sequential, Specimen #1, hCG, PAPP-A, NT

Patient: | Date of Birth: | Gender: F | Physician:
Patient Identifiers: | Visit Number (FIN):

Number of Fetuses: Singleton
Maternal Race: Black
Current Smoker: No
Family History of Aneuploidy: Yes
Specimen: Initial sample
Crown Rump Length: 53.3 mm
Sonographer Certification #: Unknown_number
Sonographer Name: Unknown, Sonog
Ultrasound Date: 04-28-21
Best Date to Draw Sample #2 By: 06-10-21

Reference Information

The following links or information offer complete and up to date information about this test, including access to ARUP Consult™ disease topics and other supplemental resources.

- [Maternal Screening, Sequential, Specimen #1, hCG, PAPP-A, NT](http://ltd.aruplab.com/tests/pub/3000146)
(http://ltd.aruplab.com/tests/pub/3000146)
- [Prenatal Aneuploidy Screening](https://www.aruplab.com/genetics/tests/prenatal)
(https://www.aruplab.com/genetics/tests/prenatal)
- [Additional Technical Information](http://ltd.aruplab.com/Tests/Pdf/311)
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