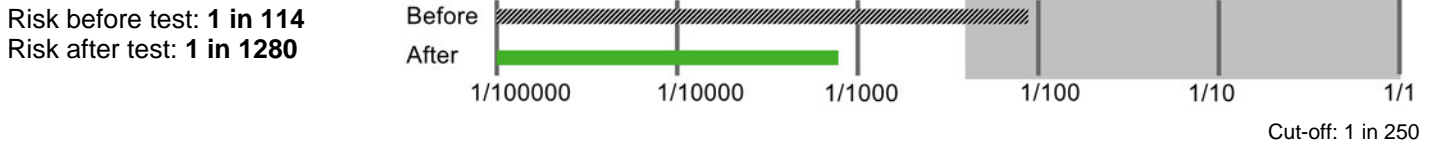


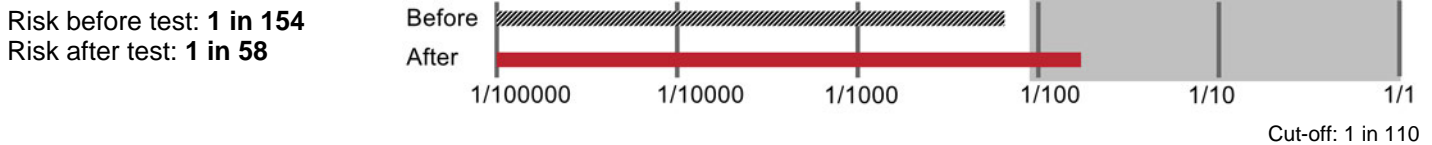
Patient:	Client:	ARUP Test Code: 3000148
DOB: Age: Gender:	Physician:	Collection Date
Patient Identifiers:		Received in lab:
Visit Number (FIN):		Completion Date:

Interpretation: SCREEN POSITIVE
Follow-up for risk of Down syndrome is suggested

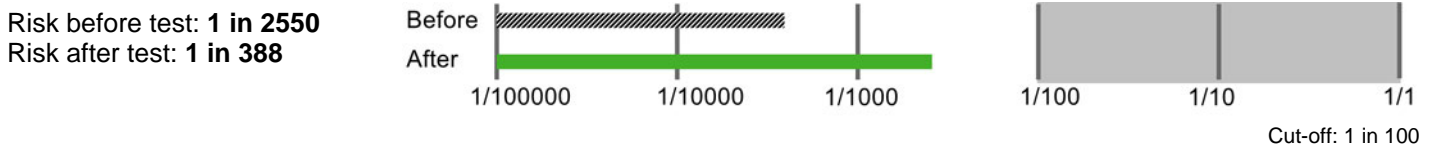
Neural Tube Defects (NTD): Negative



Down syndrome (DS): Positive



Trisomy 18 (T18): Negative



Comments:

The risk of an open neural tube defect is less than the screening cut-off.

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 less than the screening cut-off.

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.

Marker	Measurement	MoM
AFP	32 ng/mL	1.05
uE3	1.10 ng/mL	1.09
hCG	15253 IU/L	0.49
DIA	325 pg/mL	2.67
PAPP-A	80.0 ng/mL	0.11
NT	2.50 mm	2.03



Patient: ARUP Accession: 21-150-109408

Maternal Screening, Sequential, Specimen #2, Alpha Fetoprotein, hCG, Estriol, and Inhibin A

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

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.

Gestational Age Comment:

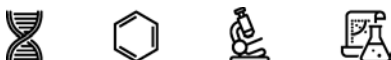
Section 79-1 of New York State Civil Rights Law requires informed consent be obtained from patients (or their legal guardians) prior to pursuing genetic testing. These forms must be kept on file by the ordering physician. Consent forms for genetic testing are available at www.aruplab.com. Incidental findings are not reported unless clinically significant but are available upon request.

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: 16 wks, 3 days
Number of Fetuses: Singleton
Maternal Race: Black
Medication-Dependent Maternal Diabetes: No
Current Smoker: No
Family History of Neural Tube Defects: No
Family History of Aneuploidy: Yes
Specimen: Initial sample
Crown Rump Length: 53.3 mm
Sonographer Certification #:
Sonographer Name:



Patient: ARUP Accession: 21-150-109408

Maternal Screening, Sequential, Specimen #2, Alpha Fetoprotein, hCG, Estriol, and Inhibin A

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

Ultrasound Date: 04-28-21

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 #2, Alpha Fetoprotein, hCG, Estriol, and Inhibin A](http://ltd.aruplab.com/tests/pub/3000148)
(http://ltd.aruplab.com/tests/pub/3000148)
- [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)
(http://ltd.aruplab.com/Tests/Pdf/311)



Patient: _____
ARUP Accession: 21-150-109408