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

Patient: MS SEQ2, POSITIVE
DOB: N/A Age: 266 Gender: U
Patient Identifiers: 558818

Visit Number (FIN): 582079

Client: ARUP Physician Services
321 TESTING ANSR EXTRACT
Salt Lake City, NY 84108

Physician: DR TEST

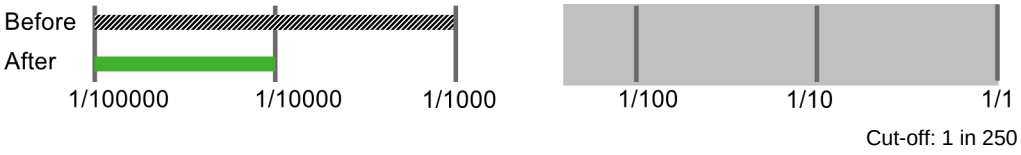
ARUP Test Code: 3000148

Collection Date: 10/11/2019
Received in lab: 10/28/2019
Completion Date: 10/28/2019

Interpretation: SCREEN POSITIVE
Follow-up for risk of TRISOMY 18 is suggested

Neural Tube Defects (NTD): Negative

Risk before test: **1 in 1030**
Risk after test: **<1 in 10000**



Cut-off: 1 in 250

Down syndrome (DS): Negative

Risk before test: **1 in 923**
Risk after test: **1 in 13500**

Cut-off: 1 in 110

Trisomy 18 (T18): Positive

Risk before test: **1 in 3600**
Risk after test: **>1 in 91**

Cut-off: 1 in 100

Comments:

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

The risk of Down syndrome is less than the screening cut-off.

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. Recalculating Trisomy 18 risk based on second trimester dating is not recommended as Trisomy 18 fetuses may be small for gestational age. 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.

Marker	Measurement	MoM
AFP	36 ng/mL	0.91
uE3	1.52 ng/mL	1.02
hCG	3585 IU/L	0.20
DIA	89 pg/mL	0.43
PAPP-A	298.3 ng/mL	0.29
NT	2.30 mm	1.20

ARUP LABORATORIES | 500 Chipeta Way, Salt Lake City, Utah 84108-1221
phone: (801) 583-2787 | toll free: (800) 522-2787 | **www.aruplab.com**
JULIO C. DELGADO, MD, MS | Director of Laboratories

Chart continues on following page(s)

Patient: MS SEQ2, POSITIVE | **Date of Birth:** Not Provided | **Gender:** U | **Physician:** DR TEST
Patient Identifiers: 558818 **| Visit Number (FIN):** 582079

PAPP-A Maternal Compliance Statement: Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Maternal Screen Interpretation Compliance Statement: Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

Patient Information Used in Risk Calculations

Maternal Age at Delivery:	27.8 yr
Maternal Weight:	79.0 kg
Gestational Age at Draw:	18 wks, 0 days
Number of Fetuses:	Singleton
Maternal Race:	Nonblack
Medication-Dependent Maternal Diabetes:	No
Current Smoker:	Yes
Family History of Neural Tube Defects:	No
Family History of Aneuploidy:	No
Specimen:	Initial sample
Crown Rump Length:	78.8 mm
Sonographer Certification #:	P15936
Sonographer Name:	Lacroix, Brand
Ultrasound Date:	09-10-19

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)
- Prenatal Aneuploidy Screening (https://www.aruplab.com/genetics/tests/prenatal)
- Additional Technical Information (http://ltd.aruplab.com/Tests/Pdf/311)

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