

# Sequential Screen™ *First Trimester*

*Down Syndrome, Trisomy 18*

Patient Name: Sample Patient  
 Referring Physician: John Doe, M.D.  
 Specimen #: 11111111  
 Patient ID: 11222222

Client #: 333333

City Hospital  
 1 Main Street  
 Anywhere, USA 12345

DOB: 11/30/1978      Date Collected: 06/16/2006  
 SSN:                      Date Received: 06/17/2006  
                               Lab ID:  
                               Hospital ID:  
                               Specimen Type: Serum

**Pregnancy information used in risk calculations:**

US Date: 6/16/2006    NT: 1.5 mm                      CRL: 60.2 mm                      Gest. Age: 12.3 wks  
 Sonographer:            John Doe  
                                   # of Fetuses: 1                      Weight: 234 LBS                      Race: White  
                                   Age At Term: 28.1                      IDDM: No                                  DS Fam. Hx: No

**Results:**                      **Nuchal Translucency**                      **PAPP-A**                                  **hCG**  
     1.00 MoM                                      0.29 MoM                                  3.67 MoM

**INTERPRETATION : Screen Positive - Increased risk of Down Syndrome**

	Screening Risk	Age Related Risk	Risk Cutoff
Down Syndrome	1:16	1:660	1:50
Trisomy 18	1:3,400	1:2,300	1:100

Genetic counseling, high resolution ultrasound, and/or consideration of a diagnostic procedure are recommended. Second trimester serum screening for Down syndrome is NOT indicated.

Risk assessment for open neural tube defects (ONTD) is not available in the first trimester.

Maternal serum screening has some level of inherent false negative and false positive results and is not a substitute for diagnostic testing. It remains standard of care to offer prenatal diagnosis to women age 35 or older at term.

Please check the patient information used in this risk assessment and call with any corrections.

Under the direction of:

*Stanford Marenberg, PhD, NBCC*

Stanford Marenberg, Ph.D.

Testing Performed At Genzyme Genetics 2000 Vivigen Way Santa Fe, NM 87505 1-800-848-4436

Date: 06/19/2006

Page 1 of 1