

## First Trimester Screen | Fß

**Turn around time:** 1-2 business days from sample receipt at the laboratory.

**CPT Codes:** 1 x 82105, 1 x 84704, 1 x 84163

### Test Description:

A first trimester screen for Down syndrome and trisomy 18/13 which analyzes free Beta HCG (fbhCG), pregnancy-associated plasma protein A (PAPP-A), alfafetoprotein (AFP), nuchal translucency measurement, and nasal bone assessment. Analyte values are compared to median values at a given gestational age and multiple of the median (MoM) results are obtained. The MoM results are used in a multivariate algorithm that includes the mother's age to report a risk assessment for Down syndrome and trisomy 18/13.

**Indications:** General population screening of all pregnant women.

**Gestational Age:** Draw blood specimen between 9 weeks 0 days and 13 weeks 6 days gestation. Nuchal translucency and nasal bone should be performed between 11 weeks 1 day and 13 weeks 6 days gestation (CRL: 45-84mm).

### Testing requirements:

#### *Biochemical:*

Container/Tube: Dried Blood Spot Card

Specimen Volume: Minimum: 2 Spots, Preferred: 5 spots

Specimen Stability: Dried blood spots are stable at ambient temperature for 30 days

#### *Biophysical:*

Nuchal translucency measurement must be obtained from a sonographer who is credentialed by, and participating in, an NT/NB quality review program such as NTQR or FMF.

### Shipping Information:

Ship samples to the following address:

Eurofins NTD, LLC.  
80 Ruland Road, Suite 1  
Melville, NY 11747

### Questions?

For more information about NTD prenatal screening, ordering test supplies, or billing support, please call us at 1-888-NTD-LABS (683-5227) or email us [ntdclientservices@eurofins.com](mailto:ntdclientservices@eurofins.com)