

Preeclampsia ScreenSM | T1

Turn around time: 2-5 business days from sample receipt at the laboratory.

CPT Codes: 1 x 83520, 1 x 84163, 1 x 82105

Test Description:

Preeclampsia | T1 includes measuring first trimester maternal serum Placental Growth factor (PIGF), Pregnancy associated plasma protein A (PAPP-A) and alpha-fetoprotein (AFP) and optionally mean arterial pressure (MAP) and uterine artery Doppler pulsitivity index (UtAD-PI). These measurements are compared to median values for a given gestational age and an MoM is calculated for each. The results are entered into a multivariate algorithm that includes nulliparity, previous or family history of PE and chronic hypertension to report a risk assessment for early onset preeclampsia.

Indications: General population screening of all pregnant women.

Gestational Age: Draw blood specimen between 10 weeks 0 days and 13 weeks 6 days gestation. To include Uterine Artery Doppler-PI in the result, the UtAD-PI must be performed when CRL is between 45 and 84 mm. Mean arterial pressure (MAP) must be assessed between 11 weeks 1 day and 13 weeks 6 days.

Testing requirements:

Biochemical:

Container/Tube: Red-top Vacutainer® tube or Serum Separator Tube (Red/Grey or Gold top SST).

Specimen Volume: 0.5 ml of spun serum or 5 ml of unspun whole blood.

Specimen Stability: Serum samples are stable at ambient temperature for 6 days.

Biophysical:

Uterine artery doppler must be obtained from a sonographer who is credentialed by, and participating in, an Uterine artery Doppler quality review program.

Mean arterial pressure must be obtained in accordance with guidelines of the Fetal Medicine Foundation.

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