

Genetic Screening Options in Pregnancy

Other more comprehensive options are available and may be recommended based on personal or family history.

	Quad screen	First Trimester Screen	Non Invasive Prenatal Testing
Types of Disorders Screened	Trisomy 21 (Down's Syndrome) Trisomy 18 (Edwards syndrome) Open Neural Tube Defects and placental function	Trisomy 21 Trisomy 18 AFP testing done between 15-20 weeks to screen for open neural tube defects and placental function	Trisomy 21 Trisomy 18 Trisomy 13 (Patau syndrome) Fetal gender Optional: Sex Chromosome Aneuploidies AFP testing done between 15-20 weeks to screen for open neural tube defects and placental function
How Testing is Performed	Blood draw in the office or outside draw site	Ultrasound and blood draw done in office or Maternal Fetal Medicine	Blood draw in the office or outside draw site
Weeks Gestation Testing is performed	15-20 weeks gestation	11 weeks 0 days to 13 weeks 6 days	10 weeks or beyond
Sensitivity	Trisomy 18:73% Trisomy 21:81% Open Neural Tube defects:79-88%	Trisomy 18:75% Trisomy 21:82-87%	Trisomy 13:60% Trisomy 18:92% Trisomy 21:98% Gender:99%