

Options for Genetic Testing of the Baby					
Name of Testing	NIPT (Non Invasive Prenatal Testing)	Sequential Screen or Integrated	Quad Screen	Chorionic Villus Sampling (CVS)	Amniocentesis
Type of testing	Blood work	Ultrasound and Blood work	Blood work	Small piece of placenta is removed through the vagina or through the abdomen	Small amount of amniotic fluid is removed by inserting a needle into the abdomen
When can the test be done?	From 10 weeks on	Part 1: 11-14 weeks Part 2: 15-20 weeks	15-20 weeks	11-13 weeks	15-20 weeks
What can the test detect?	Trisomy 13, Trisomy 18, Down syndrome, gender	Trisomy 13, Trisomy 18, Down syndrome and open neural tube defects	Trisomy 18, Down syndrome and open neural tube defects	Rules out 99% of all chromosomal abnormalities, including sex chromosomes	Rules out 99% of all chromosomal abnormalities, including sex chromosomes and neural tube defects
How invasive is the testing and what is the detection rate?	- Non invasive - 99.9% detection rate - Early detection	- Non invasive; no risk of miscarriage - 85-92% detection rate for Trisomy 13, 18 & 21 - Early detection	- Non invasive; no risk of miscarriage - 85% detection rate for Trisomy 13, 18 & 21 - More universal insurance coverage	- Comprehensive: rules out 99.9% of all chromosomal abnormalities - Done early in the pregnancy - Is covered by insurance - Definitive	- Comprehensive: rules out 99.9% of all chromosomal abnormalities. - Tests for open neural tube defects - Is covered by insurance - Definitive
Other information	- Does not test for any other abnormalities - Abnormal results require confirmation - May not be covered by insurance	- 5% false position rate - Abnormal test require either an Amnio or CVS to confirm - Does not test for any other chromosomal problems other than Trisomy 18, 13 & 21 - Insurance will cover EITHER this ultrasound OR the 18 week ultrasound but NOT both (\$500)	- Lower detection rates - Abnormal tests require an Amnio to confirm - Does not test for any other chromosomal problems other than Trisomy 18, 13 & 21	- Invasive test; has an associated 1% chance of miscarriage - Does not test for open neural tube defects	- Invasive test; has an associated 0.5% chance of miscarriage - Full results might not come back until 22 weeks gestation