

**MEDICAL RECORD – CONSENT FORM**  
**Maternal Serum Analyte Screen**

I understand that I am being asked to decide whether or not to have the Maternal Serum Analyte Screen. The Maternal Serum Analyte Screen tests the mother's blood for substances made by the baby and the placenta. The amount of these substances in the blood, plus the maternal age are used to calculate the risk of certain problems with the baby including open neural tube defects, Down's syndrome (Trisomy 21), and Edwards syndrome (Trisomy 18). By signing below, I show that I have been told what this test can and cannot do and that my questions were answered to my satisfaction.

By signing below I understand that:

1. This is a screening test only: It DOES NOT provide a diagnosis; rather, it predicts the chance of a problem occurring.
2. The Maternal Serum Analyte Screen tests for an increased risk of a baby with certain birth defects such as an open neural tube defects, Down's syndrome, and Edwards syndrome, and other related birth defects.
3. The Maternal Serum Analyte Screen is not 100% accurate and is often abnormal when, in fact, the developing baby does not have one of these birth defects.
4. Open neural tub defects are abnormalities of the spinal cord or brain and occur in 1 or 2 out of every 1000 births. Overall, if I have an abnormal result on the Maternal Serum Analyte Screen, my baby has a 4-7% risk of open neural tube defects.
5. Babies with Down's syndrome have a distinct physical appearance, mental retardation, and are at increased risk for other defects. About 1 in 800 babies are born with Down's syndrome (Trisomy 21), and the risk increases with the age of the mother. Overall, in women with abnormal test result, the baby has a less than 3% risk of having Down's syndrome.
6. Babies with Edwards syndrome (Trisomy 18) have serious mental and physical disabilities. Only 1 out of 10 affected babies live past their first year. Only 1 in 8000 babies are born with Edwards syndrome and the risk increases with the age of the mother.
7. I am the one to decide whether or not I am tested.
8. As noted above, the test is not perfect. Some defects are missed and there are many abnormal Maternal Serum Analyte Screen results that turn out to have no association with birth defects. If there are abnormal results, I will need further testing to determine if anything is wrong with my baby.

I have read and understand the information provided to me about Maternal Serum Analyte Screen and have had my questions answered to my complete satisfaction.

I (circle one) **would** or **would not** like to have the Maternal Serum Analyte Screen.

Patient: \_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Witness: \_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)