babySEQ | Non-Invasive Prenatal Test

NIPT RARE

with the most common
rare diseases

What is BabySEQ?

BabySEQ is a Non-Invasive Prenatal Testing (NIPT) method that uses next-generation screening to detect chromosomal number anomalies and microdeletion/microduplication disorders in the fetus, without requiring invasive procedures that carry risks. Currently, tests using the "whole genome sequencing" method, like BabySEQ, are considered the most accurate for screening these conditions. The BabySEQ test, designed and analyzed (including bioinformatics studies) in our center, offers two separate panels for chromosomal disorders, tailored to your preferences.

What is BabySEQ RARE?

In addition to the expanded BabySEQ panel, the BabySEQ RARE package also screens for SMA, Cystic Fibrosis, and Fragile X syndrome. This package includes the following:

- BabySEQ comprehensive panel for the fetus
- SMA MLPA + Full SMA Gene + Full Cystic Fibrosis Gene (from both mother and father)
- Fragile X screening (from the mother)

BabySEQ is a highly reliable screening test for chromosomal disorders. Recognizing that families may have concerns about other diseases beyond chromosomal issues, we have expanded our BabySEQ test to include carrier screening for three additional conditions. In our BabySEQ R package, we examine all chromosomes, microdeletions, and duplications in the fetus. Additionally, we perform carrier tests for SMA, Cystic Fibrosis, and Fragile X for both parents. If the test identifies any risks to the fetus, the clinician and family will be notified, and further tests will be planned as needed based on the results.
For this test, please collect one tube of blood from the father using a tube with a purple cap (EDTA blood tube) and one tube of blood from the mother using the BabySEQ blood tube provided by Intergen.

No additional fees will be charged for any further tests performed on the fetus based on the results of this test.

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