

XL



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 XL?

The BabySEQ XL test offers an extensive panel that investigates all chromosomal anomalies in the fetus. Additionally, it includes screening for over 1,000 diseases for both parents. The package comprises:

- BabySEQ Comprehensive Panel for the fetus
- From both parents: Whole Exome Sequencing to identify high-risk conditions with significant morbidity and mortality
- Additionally, MLPA testing for congenital adrenal hyperplasia
- From the mother: Fragile X repeat number analysis

In this extensive panel, we assess the risk of diseases in the fetus by examining all chromosomes and checking for microdeletions/duplications. Additionally, broad genetic screening is conducted on both parents to test for carrier status of over 1,000 diseases. If a risk is detected for the fetus, both the clinician and the family will be informed, and additional tests will be planned if necessary based on the results.

For this test, please collect one tube of blood from the father using a tube with a purple cap and one tube of blood from the mother using the BabySEQ tube provided by Intergen.

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

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