PATHOLOGISTS
LANCET
CLINICAL LABORATORIES
Key to Diagnostic Excellence

Non-Invasive Fetal TrisomY Testing

Over 15,000,000+ Tests Conducted

NIFTY® is a world-leading non-invasive prenatal test (NIPT) product independently developed by BGI Genomics. By collecting >5 mL of maternal peripheral blood, extracting cell-free DNA, and using low-depth whole-genome sequencing technology, combined with bioinformatics analysis, the risk of fetal chromosomal abnormalities can be determined.

It is a safe and accurate method for detecting T21, T18 and T13, and can expand detection for other autosomal aneuploidies, sex chromosome aneuploidies, and pathogenic chromosomal deletions/duplications (CNVs).

Advantages

Accurate
Over 99% sensitivity for trisomy 21, 18 and 13.

Safe
Only maternal peripheral blood is needed, **no risk** to mother or fetus.

Trusted
Over 15,000,000 samples processed worldwide.

Comprehensive
NIFTY® Pro detects **over 100 genetic conditions**.

Early
Screen as early as the **10th week of pregnancy**.

Quick
TAT as fast as **10 working days**
(The delivery time may vary due to different service form, please refer to the actual situation)

Test Options

NIFTY®

Common Autosomal Trisomies
Trisomy 21 (Down syndrome)
Trisomy 18 (Edwards syndrome)
Trisomy 13 (Patau syndrome)

Rare Autosomal Trisomies
Trisomy 9
Trisomy 16
Trisomy 22

Sex Chromosome Aneuploidies*
X0 (Turner syndrome)
XXY (Klinefelter syndrome)
XXX (Triple-X syndrome)
XYY (Jacobs syndrome)

Incidental findings*
Other autosomal aneuploidies

Sex Indication*
Y chromosome detection

NIFTY® pro

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92/10 micro deletion/duplication, including
DiGeorge syndrome (22q11.2 deletion)
1p36 deletion syndrome
Prader-Willi/ Angelman syndrome
Smith-Magenis syndrome
Cri-du-Chat syndrome
4p16.3 deletion syndrome
Distal 18q deletion syndrome
18p deletion syndrome
9p deletion syndrome
Jacobsen Syndrom

Incidental findings
Other autosomal aneuploidies
& ≥5Mb CNVs

Sex Indication*
Y chromosome detection

* The above asterisks are optional detection
The detection of sex chromosomal aneuploidies is limited to singleton pregnancy.

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