Test Advantage

Non-invasive Prenatal Test

01
Available after
10 weeks pregnant

02
Over 99%
detection rate

03
Safe and easy test
with maternal blood

04
The first trisomy
9, 16, 22 and microdeletion
detection in Korea

Make the NICE® Choice

Test	Non-Invasive Prenatal Testing (NIPT)
Specimen	8 mL Blood (Room temperature)
Recommended Test Period	Singleton: After 10 weeks pregnant
	Twin: After 12 weeks pregnant
Test Method	Whole Genome Sequencing(NGS)
Turnaround Time (TAT)	5-7 Days

Try a self-check!

- [ ] Want an accurate and safe prenatal testing
- [ ] 35 years or older (Advanced maternal age)
- [ ] Have abnormal or positive serum screening result
- [ ] Have ultrasound findings of chromosomal abnormality
- [ ] Have family history of chromosomal abnormality
- [ ] Have had a fetus with chromosomal aneuploidy
- [ ] Afraid of miscarriage or other side effects caused by an invasive test

You may need the NICE if any of the above list applies to you.

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NICE®
Non Invasive Chromosome Examination

WORLD CLASS PRODUCT OF KOREA

Safe, Easy, Accurate

Make the NICE® Choice

Testing you can trust

NICE is performed by CAP accredited lab.

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

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01

what is NICE® prenatal test?

NICE® is a non-invasive prenatal test (NIPT) that detects fetal DNA in maternal plasma during pregnancy through Next Generation Sequencing (NGS). It can be tested from the 10th week of pregnancy and evaluates fetal chromosomal abnormalities. NICE® screens for common trisomy (such as 21, 18, 13), sex chromosome aneuploidies and analyzes eight clinically important microdeletion regions.

02

NICE® vs traditional prenatal screening

	Screening	how to	Since when	how long	detection rate%
☑NIPT	NICE	Non-invasive	From 10 weeks	7~10 days	>99%
Conventional Blood Test	Triple Screen	Non -invasive	From 11-13 weeks	2 days	67~71%
	Quadruple Screen				79~81%
Integrated Screening Test	Integrated Screen	Non -invasive	From 11-13 weeks	4~5 weeks	94~96%
Cell Culture Test	Chorionic Screen	Invasive	From 11-13 weeks	1~2 weeks	>99%
	Amniocentesis				

03

how is the NICE® performed

NICE® looks at isolated fetal cfDNA present in maternal blood, collected after 10 weeks of pregnancy from massively parallel WGS. Sequencing data is analyzed by applying the bioinformatics pipeline.

04

Test options

Trisomy

- Trisomy 21 (Down Syndrome)
- Trisomy 18 (Edward Syndrome)
- Trisomy 13 (Patau Syndrome)
- All chromosomes
- Trisomy 9
- Trisomy 16
- Trisomy 22

Sex Chromosome Aneuploidy

- XO (Turner Syndrome)
- XXX (Triple X Syndrome)
- XXY (Klinefelter Syndrome)
- XYY (Jacobs Syndrome)

Microdeletion

- 1p36 Deletion Syndrome
- 2q33.1 Deletion Syndrome
- Wolf-Hirschhorn Syndrome
- Cri-du-chat Syndrome
- Williams Syndrome
- Jacobsen Syndrome
- Prader-Willi Syndrome
- DiGeorge Syndrome
- Additional 108 Microdeletion

NICE® LITE	NICE® BASIC	NICE® PREMIUM
T13, T18, T21	T13, T18, T21 T9, T16, T22	T13, T18, T21 T9, T16, T22 All chromosome

* 8 Microdeletions / 116 Microdeletions / Sex Chromosome Disorder

*Any or all can be added to LITE, BASIC or PREMIUM service