

# NON-INVASIVE PRENATAL TEST (NIPT)

A simple blood test can tell you  
a lot about your baby's HEALTH

AED 3250/-  
**ONLY**

NIPT is a simple  
and advanced  
blood screening test  
that analyse  
circulating fetal  
DNA in mother's blood  
for a number of genetic  
disorders including  
Down syndrome.



DID YOU KNOW  
THAT BABY'S HEALTH  
INFORMATION  
CAN BE FOUND IN A  
PREGNANT WOMAN'S  
BLOODSTREAM?

Screen your baby for common chromosomal disorders:

**Trisomy 21 (Down syndrome)**  
**Trisomy 18 (Edwards syndrome)**  
**Trisomy 13 (Patau syndrome)**

- > 100 % safe for Mother and Child
- > A single tube of blood drawn from the pregnant women's arm for the test
- > Fetal sex can be determined (Upon request)
- > Fast and Accurate results
- > Test can be performed as early as 10<sup>th</sup> gestational weeks onwards
- > Latest Next Generation Sequencing (NGS) technology
- > Automated sample processing with high-quality reporting



مختبرات ثومبي  
**THUMBAY LABS**

REFERRAL • RESEARCH • INNOVATION



## ADVANTAGES OF NIPT TESTING @ THUMBAY LABS

- **Highly Accurate Results**

>99% sensitivity for detection of trisomy conditions (Trisomy 21, 18 and 13)

- **Fast**

Fast Turn-around time (TAT)

- **Safe**

No risk of miscarriage  
100% safe for mother and baby

- **Sex determination**

Optional Fetal sex determination



- **Sample**

Only 10 mL maternal peripheral blood is needed

- **Maximum Certainty**

By using latest Next Generation Sequencing technology and automated high-quality reporting

- **Quality**

A regulated screening test which is CE marked

- **Local**

The test is performed in an advanced genomic facility at Thumbay Labs - UAE

## TEST PROCEDURE FROM SAMPLE COLLECTION TO RESULT

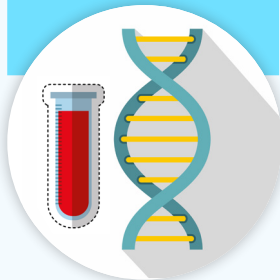
### Maternal Plasma

10 mL blood is collected from expectant mother's arm



### DNA Extraction

Fully automated DNA extraction is carried out.



### Sequencing

Blood sample is analysed by a Whole Genome Sequencing approach using Next Generation Sequencing



### Analysis & Reporting

Automated data analysis. Follows QC criteria and provides individual sample report. Error Free.



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