

# Agenmic NGS

## One-stop Solution Programs

Reagents



Full Workflow SOP



Software &  
Automatic Reporting



### mNGS & tNGS

Complete solutions for the Most Accurate Pathogen Detection.



### PGT-A

Sample-to-answer workflow solutions for the Comprehensive Genetic Testing.



### NIPPT

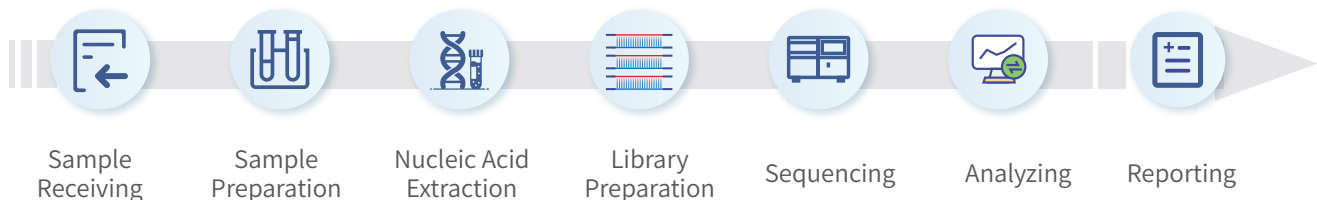
As early as 9 weeks. Accuracy > 99.99%.



### HLA (RUO)

4 Digit Resolution.  
11 loci: HLA-A, B, C, DRB1/3/4/5, DQB1, DPB1, DQA1, and DPA1.

## GUIDE TO THE WHOLE WORKFLOW



## SELF-DEVELOPED REAGENTS & SOFTWARE

- Nucleic Acid Extraction Kit
- Library Prep Kit
- Targeted Detection Panels
- Single Cell Kit
- Automatic Analysis & One-click Reporting Software



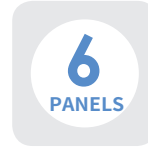
# Products

## MPSeq™

MPSeq™ Test is a revolutionary metagenomic NGS approach for pathogen detection in clinic samples.

- 11259 kinds of pathogens
- 60 kinds of drug resistance genes
- TAT < 24h

## TPSeq™



TAT < 24h

TPSeq™ Test is a new method for accurate targeted detection of pathogens with a broad spectrum.

- Respiratory panel
- Pediatric panel
- Ophthalmological panel
- MTB panel
- STI panel
- UTI panel

## PGT-A



Pre-implantation Genetic Testing for Aneuploidies (PGT-A), is the single-cell whole genome amplification technology combined with NGS to screen for aneuploidy in chromosomes in embryos.

- Detect 23 pairs of chromosomes
- Deletions/duplications  $\geq$  4Mb

## NIPPT

Non-Invasive Prenatal Paternity Test (NIPPT) uses Next generation sequencing (NGS) technique to detect the fetal genetic information from the cell-free fetal DNA of maternal plasma. With the fetal genetic information, paternity test can be performed and determine the biological relationship.

- 100% safe for your unborn baby
- As early as 9 weeks
- Test 1126 SNPs with accuracy > 99.99%

# Reagent Kits



DNA Extraction Kit

DNA Library Prep Kit

RNA Extraction Kit

RNA Library Prep Kit

cfDNA Extraction Kit

cfDNA Library Prep Kit

Nucleic Acid Extraction Kit

Respiratory (T200) Panel Kit

STI Panel Kit

MTB Panel Kit

UTI Panel Kit

Ophthalmological Panel Kit

Pediatric Panel Kit

Single Cell WGA Kit

Single Cell Library Prep Kit

• NIPPT Detection Kit (NGS)

• 11-Loci HLA Typing Kit (NGS)

• 6-Loci HLA Typing Kit (NGS)

• Chimerism Detection Kit (NGS)

\* Specification: 48 rxn / 12 rxn

\* Platforms and models:

- **MGI:** DNBSEQ-G50, DNBSEQ-G400 FAST, DNBSEQ-G99, DNBSEQ-E25(tNGS)
- **Illumina:** MiSeq Series, NextSeq 500 Series, NextSeq 550 Series, NextSeq 1000 & 2000
- **Genemind:** GenoLab M, SURFSeq 5000, FASTASeq 300
- **Salus:** Salus Pro, Saluseq Nimbo(tNGS)