Non-Invasive Prenatal Testing - Sample Report

Non-invasive Prenatal Genetic Testing for Fetal Chromosomal Aneuploidies for Singleton Pregnancies				
Condition	**Result**	**Reference Interval**	**Probability**	**Note**
Trisomy 21	Low Risk	-	1 / 4141037199	
Trisomy 18	Low Risk	-	1 / 1739370332	
Trisomy 13	Low Risk	-	1 / 7692766010	
NIFTY is a screening test. Genetic counselling and diagnostic testing should be offered to further evaluate these findings.				
Fetal Fraction : 10.61% (≥3.5%)				
Other Findings				
Sex Chromosome Aneuploidies	**Result**	**Note**		
XO	Low Risk			
XXY	Low Risk			
XXX	Low Risk			
XYY	Low Risk			

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Incidental Findings: Not Detected

Test Description:

The NIFTY test is a screening test and is not diagnostic. It works by isolating the cfDNA (including both maternal and fetal DNA) from a maternal blood sample and performing low coverage whole genome sequencing using Next Generation Sequencing technology. The unique reads of each chromosome are calculated and compared to an optimal reference control sample. Data is analyzed using BGI's proprietary bioinformatics algorithms and an assessment is produced for the conditions tested only. Tests should always be ordered by a qualified healthcare professional and results reviewed with the patient. The test must not be used as the sole basis for diagnosis or other pregnancy management decision.

Conditions	Sensitivity	Specificity
T21	99.17%	99.95%
T18	98.24%	99.95%
T13	>99.9%	99.96%
SCA	99.60%	99.80%

Note: The data in the table is based on historical literature, and only reflects past detection, not the actual condition of the tested sample nor the promised value. Further information regarding the conditions tested for and support groups can be found at www.niftytest.com.