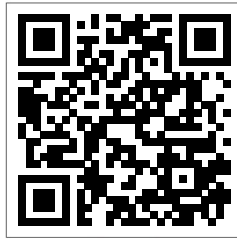


Registration No.	
Collection Date	
Receipt Date	
Analysis Date	
Report Date	

# Standard Test Report

Department : \_\_\_\_\_ / \_\_\_\_\_  
 Doctor : \_\_\_\_\_  
 Specimen : Whole blood  
 Address : \_\_\_\_\_



QR code

Organization : **SAMPLE**  
 Patient : \_\_\_\_\_  
 Chart No.: \_\_\_\_\_  
 DOB : \_\_\_\_\_  
 Age/Gender : \_\_\_\_\_

Patient Information	Number of Fetus	Single	Ultrasonographic Finding	
	Ultrasound Gestational Age		Prenatal Biochemical Screening findings	
	Height/Weight			

## Quality Control / Test Result

Cell free DNA quality	Sequencing quality	Fetal fraction	Standard Material Test result
Pass	Pass	Pass(16.59%, Female)	Pass

## INTERPRETATION

**Low Risk - The chance of the baby having a chromosomal abnormality is very low.**

## RESULT DETAILS

Chromosome Aneuploidies		
Items (Disease Type)	Result	Risk Score
Trisomy 21 (Down Syndrome)	<b>Low Risk</b>	1/6952
Trisomy 18 (Edward Syndrome)	<b>Low Risk</b>	1/83228
Trisomy 13 (Patau Syndrome)	<b>Low Risk</b>	1/91256
Sex aneuploidy (mX, XXY, XXX)	<b>Low Risk</b>	1/12068

### Test Method

· cfDNA is isolated from maternal blood and sequenced using Next Generation Sequencing (NGS) technology. Sequencing data is analyzed using in-house bioinformatics pipeline to identify fetal aneuploidy in the tested chromosomes.

· This test provides a result only when a sample meets the quality threshold.

### Test Purpose & Limitation

· This test is a screening test for T21, T18, T13 and sex chromosome aneuploidy under the consent of the mother.

· No analysis for sex chromosome aneuploidy is to be performed in case of twin.

· This test is highly accurate, but not diagnostic. Therefore, if a confirmatory test is required according to the test result or the clinical situation of the mother, an amniocentesis or CVS should be performed.

· Very rarely, fetal sex information can be wrong for reasons such as vanishing twin.

### MomGuard Performance Table

	Sensitivity	Specificity
Chromosome 21	98.65%	99.94%
Chromosome 18	100%	99.98%
Chromosome 13	100%	99.97%

· Overall PPV = 0.8932, NPV=0.9999  
 · Overall False Positive (FP) % = 0.102  
 · Overall False Negative (FN) % = 0.009