



# SneakPeek®



**EARLY GENDER  
PREDICTION DNA TEST**



**STARTING AT 9 WEEKS  
INTO PREGNANCY**



**NEXT DAY  
RESULTS**

## CLINICAL

- DNA TEST
- CONCIERGE STYLE
- PERSONAL AND ATTENTIVE SERVICE
- PERFORMED BY A LICENSED PHLEBOTOMIST
- NEXT DAY RESULTS (OPTIONAL)

### What is SneakPeek® Clinical?

SneakPeek Clinical is an early gender DNA detection test offered to women starting at 9 weeks into pregnancy. The genetic test is designed to work in conjunction with an ultrasound scan for expecting mothers. An on-site phlebotomist draws a blood sample in the comfort of the ultrasound studio, and then returns the sample to SneakPeek Labs for processing. The laboratories offer the fastest turnaround times in the industry, with a choice of receiving your result the same day the sample reaches the SneakPeek Lab. The concierge style of service even includes a personal phone call from the technician to report your result. The test is packaged with follow up ultrasound sessions to view your baby and provide images that you can take home.



### How does SneakPeek® work?

SneakPeek utilizes the natural process of shared fetal DNA circulating inside the mother's bloodstream. Our PCR technology has the ability to detect the presence or absence of male Y chromosome in the blood sample provided starting at 9 weeks into pregnancy. If it is detected then the baby's gender is male and if it is not detected then the baby's gender is female.

## SneakPeek Clinical Accuracy Studies

### Multicenter Blinded Study of SneakPeek® Early Gender Test

#### Multicenter blinded study conducted at four ultrasound clinics in 2015

The purpose of this study was to assess the clinical performance of SneakPeek® Early Gender Test (Gateway Genomics) for noninvasive prenatal testing (NIPT) of fetal sex. A multicenter-blinded study was conducted at four ultrasound clinics with maternal blood samples collected from pregnant women between 9 and 22 weeks of gestation. Circulating cell-free DNA was isolated from a micro-volume of maternal plasma and real-time quantitative PCR was performed to detect fetal DNA using a multi-copy sequence on the Y chromosome. An autosomal control gene was used to measure total cell-free DNA (maternal and fetal cfDNA). Sixty maternal plasma samples were tested twice, on different days, to assess the precision of SneakPeek®.

Cell-free DNA was detected in all maternal blood samples. Y-chromosome DNA was detected in all samples from women carrying a male fetus. SneakPeek® correctly identified fetal sex in all samples. Assay precision data showed minimal variation and high reproducibility of results. Fetal sex for all samples was unknown prior to genetic testing and was confirmed via sonographic evaluation at the conclusion of the study. SneakPeek accuracy, sensitivity and specificity were each 100% for fetal sex identification. This blinded study showed that SneakPeek® Early Gender Test is highly accurate for fetal sex determination in early pregnancy.

Gestational Age of the 65 Pregnant Participants

#### Gestational Age

Median (week)	13.00
Range (week)	8.86-30.14
9-12 week (n, %)	32 (49.69%)
13-27 week (n, %)	31 (47.69%)
≥ 28 week (n, %)	2 (3.08%)

Clinical Performance of SneakPeek Early Gender Test

#### Clinical Performance

Samples Analyzed	65
Female Fetuses	36
Male Fetuses	29
False Positives	0
False Negatives	0
Accuracy	100%
Specificity	100%
Sensitivity	100%