panorama™
natera prenatal screen

WHY PANORAMA™?

Validated. Published. Trusted.

VALIDATED IN HIGH-RISK AND LOW-RISK PATIENTS.

"This noninvasive prenatal screen performed with high sensitivity and specificity in high-risk and low-risk cohorts… The SNP-based method resulted in improved overall performance over quantitative methods."

- Pergament et al. Single-nucleotide polymorphism-based noninvasive prenatal screening in a high-risk and low-risk cohort. *Obstet Gynecol*, Aug 2014; 124 (2 Pt 1):210-8. (Study of 1,064 samples, mixture of high-risk and low-risk.)

EXTERNAL VALIDATION OF SNP-BASED NIPT.

"cfDNA testing in maternal blood using targeted sequencing of polymorphic loci at chromosomes 13, 18, 21, X and Y hold promise for accurate detection of fetal autosomal trisomies, sex chromosome aneuploidies and triploidy."

- Nicolaides, K. H. et al. Validation of targeted sequencing of single-nucleotide polymorphisms for non-invasive prenatal detection of aneuploidy of chromosomes 13, 18, 21, X and Y. *Prenat Diagn,* 2013;33:1-5.

EXTENSIVE CLINICAL EXPERIENCE SUPPORTS USAGE IN ALL PATIENTS.

"Clinical performance of this test in a mixed high- and low-risk population is consistent with performance in validation studies… This study supports the use of NIPT as a first line screening test for aneuploidy in all patients."

- Dar et al. Clinical experience and follow-up with large scale single-nucleotide polymorphism–based noninvasive prenatal aneuploidy testing. Am J Obstet Gynecol, 2014;211:527.e1-17. (Study of 28,739 samples from both high-risk and low-risk pregnancies.)

HIGHLY ACCURATE SCREENING FOR VANISHING TWINS, REDUCING FALSE POSITIVES.

"The ability to detect vanishing twin pregnancies is clinically important as it will reduce the number of false-positive results..."

- Curnow et al. Detection of triploid, molar, and vanishing twin pregnancies by a single-nucleotide polymorphism based noninvasive prenatal test. *Am J Obstet Gynecol*, 2014;211:x.ex-x.ex. (Study of 30,795 reported clinical cases.)

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SCREENS FOR MICRODELETIONS WITH HIGH ACCURACY.

"SNP-based noninvasive prenatal microdeletion screening is highly accurate… and should be considered for the general pregnant population."

- Wapner et al. Expanding the scope of non-invasive prenatal testing: Detection of fetal microdeletion syndromes. *Am J Obstet Gynecol,* 2015;doi: 10.1016/j.ajog.2014.11.041. (Study of 469 samples.)

POWERFUL METHOD FOR SEX CHROMOSOME ANALYSIS.

"Although existing non-invasive prenatal testing methods demonstrate high sensitivity and specificity when detecting autosomal trisomies, none accomplishes similar levels of accuracy with sex chromosome aneuploidy detection."

- Samango-Sprouse et al. SNP-based method detects sex chromosome aneuploidies with high accuracy. *Prenat Diag,* 2013;33:1-7. (Study of 16 aneuploid and 185 euploid samples.)

CAN IDENTIFY MOLAR PREGNANCIES.

"... a noninvasive test that can readily distinguish between a missed abortion and a complete HM (hydatidiform mole) could be useful in the diagnosis and management of women who present with overlapping signs and symptoms, particularly early in pregnancy."

- Simon, A.L. et al. Detection of a complete molar pregnancy by single nucleotide polymorphism-based noninvasive prenatal testing. *Ultrasound* Obstet Gynecol, in press.

PAN-MD-PUBSELLSHEET-V2(5/11/15) NAT-800949

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