With over 2 million tests performed, “Only Panorama” gives you more accuracy, unique twins differentiation, and makes every result matter.

Only Panorama reports zygosity, individual fetal fractions for dizygotic twins, and fetal sex for each twin.

As you know, the rate of twin births is increasing, and with it, the increased risk of unique twin complications like twin-twin transfusion syndrome (TTTS). In a recent clinical study published by Norwitz et al, cell-free DNA samples from 126 twin pregnancies were prospectively analyzed to validate the ability of Natera’s unique single nucleotide polymorphism (SNP)-based method to determine zygosity, fetal sex and aneuploidy status.
Highlights of the twins clinical validation study results:

- **Zygosity call errors**: N = 93, 0 errors (100% accuracy)
- **Fetal sex error for each twin**: N = 102, 0 errors (100% accuracy)
- **Combined sensitivity & specificity**: N = 107, >99.9%

Only Panorama NIPT can determine zygosity and with 100% accuracy
Only Panorama can genetically distinguish female/female, male/female & male/male pairs with 100% accuracy
Only Panorama has the highest accuracy in the detection of aneuploidies for both singleton and twin pregnancies

A case study that shows what “Only Panorama” can do for your patients

**Background**

35 year old patient w/BMI 47
Presents at 15wk w/twin pregnancy
U/S visualization limited by patient obesity
U/S showed potentially dichorionic twins

**Findings**

Panorama demonstrated monozygotic females
Referred to MFM for probable monochorionicity
U/S 2 wks later showed Stage II Quintero TTTS

**Clinical implications**

Chorionicity is not always discernible
Only Panorama can determine zygosity by NIPT
Obtain the most accurate information to make well-informed clinical decisions

If you have other interesting twins cases, please contact us at med_cases@natera.com

Panorama is powered by SNP-based technology that provides unique capabilities as regards both singleton & twins, capabilities that all other NIPTs lack.

References