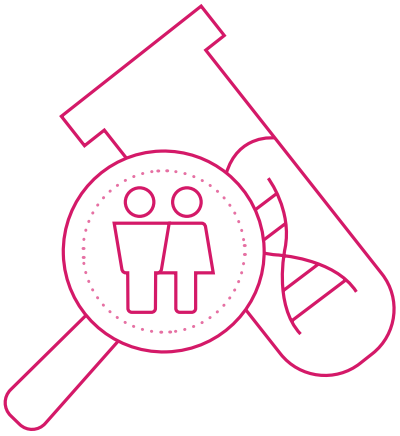
resura®
PRENATAL TEST FOR
MONOGENIC DISEASE

Custom-designed testing for families with rare disease

The Resura Prenatal Test for Monogenic Disease is a new cfDNA testing option for families with known inherited risks.

It was designed to provide at-risk families a way to know more, without the risk of invasive prenatal diagnostic testing.

Other cfDNA tests for monogenic disease are available, but the clinical application for families with known disease makes Resura unique. See how Resura compares to these other tests and how it offers a new option for families affected by rare disease.



Expand your options with Resura

	PreSeek™ by Baylor[1] Vistara by Natera	Resura® Prenatal Test for Monogenic Disease[2]
Clinical indications	Advanced paternal age Ultrasound anomalies indicating a risk for a specific disease on the panel	**Families with a known risk** for inherited genetic disease where: ▸ Parent or sibling is affected with a disease ▸ Both parents are known carriers ▸ Mother is a known carrier of an X-linked disease
Genes tested	Predefined panel of 30 genes	**Custom-designed test** for one or two variants in a specified gene Most genes available upon request*
Inheritance types tested	*De novo* dominant variants Autosomal dominant variants inherited from the father	Variants of any inheritance type inherited from either or both parents ▸ Autosomal recessive ▸ Autosomal dominant ▸ X-linked
Positive predictive value	Low[3]	High (>99%)
Includes testing for common aneuploidies	No	Yes

*Variant type affects feasibility. Diseases caused by nucleotide repeats (for example, fragile X syndrome, myotonic muscular dystrophy, Huntington disease) and large copy number variants (for example, alpha-thalassemia, spinal muscular atrophy, Duchenne muscular dystrophy) are excluded.

References:

1. Zhang et al. Non-invasive prenatal sequencing for multiple Mendelian monogenic disorders using circulating cell-free fetal DNA. Nat Med. 2019 Feb 20. doi: 10.1038/s41591-019-0391-9.
2. Zdrodowski et al. Customizable non-invasive prenatal testing for single gene disorders using cell free DNA. Poster presented at National Society of Genetic Counselors Annual Conference, 2018.
3. Estimated based on population frequency of tested disorders.

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