

New | Hereditary Cancer Panels

Guiding Precision Medicine in Oncology



NEW Panel
Portfolio
CentoCancerHereditary
+ RNA

Comprehensive Genetic Testing Across the Cancer Care Management

Genetic testing for hereditary cancers provides critical insights for affected or at risk individuals and their families, enabling earlier risk identification and clinically actionable management strategies. CENTOGENE offers an extended hereditary oncology testing portfolio designed to support pan-cancer testing options for a comprehensive approach, cancer type-focused analysis for targeted insights, and preventive testing for unaffected individuals. With expertise in analyzing variants across more than 200 cancer-associated genes, CENTOGENE offers comprehensive testing solutions that supporting physicians on prognosis, diagnosis and treatment guidance for improved patient outcomes.



Comprehensive Testing with RNA Reflex Analysis

CENTOGENE has expanded its hereditary cancer portfolio with new panels that incorporate **RNA reflex analysis**, an automatically triggered RNA splicing assessment designed to support and enhance variant interpretation by providing additional transcript-level insights. This feature is now available in updated versions of three pan-cancer panels: **CentoCancerHereditary Comprehensive + RNA**, **CentoCancerHereditary Comprehensive Genome + RNA**, and **CentoCancerHereditary + RNA**. RNA reflex analysis is automatically initiated when a variant predicted to affect splicing is detected in a panel gene that is expressed in blood.

Expanded Cancer-Type-Specific Hereditary Oncology Portfolio

CENTOGENE now offers **15 new tumor-focused assays targeting specific cancer types**. Designed to deliver clinically actionable insights, these tests support physicians in making informed diagnostic and therapeutic decisions, enabling a more personalized approach to each patient's cancer journey.



Discover Our New Oncology Portfolio

Pan-Cancer Approach

CentoCancerHereditary

64 genes

***MOx option now available:**
CentoCancerHereditary + RNA*

CentoCancerHereditary Comprehensive

163 genes

***MOx option now available:**
CentoCancerHereditary Comprehensive + RNA*
CentoCancerHereditary Comprehensive Genome + RNA*

CentoCancerHereditary Pediatric

136 genes

Cancer-Preventive Approach

CentoCancerHereditary Predict

64 genes

Cancer-Type-Specific Approach



CentoCancerHereditary Breast

14 genes



CentoCancerHereditary Breast & Ovarian

24 genes



CentoCancerHereditary Colorectal

26 genes



CentoCancerHereditary Endocrine

25 genes



CentoCancerHereditary Central Nervous System

24 genes



CentoCancerHereditary Gastric

24 genes



CentoCancerHereditary Hematology

123 genes



CentoCancerHereditary Endometrial

9 genes



CentoCancerHereditary Lung

8 genes



CentoCancerHereditary Ovarian

18 genes



CentoCancerHereditary Sarcoma

32 genes



CentoCancerHereditary Skin

38 genes



CentoCancerHereditary Urology

34 genes



CentoCancerHereditary Liver and Biliary Tract

9 genes



CentoCancerHereditary Pancreatic

24 genes

Cancer-Pathway-Specific Approach

CentoCancerHereditary HRR - Homologous Recombination Repair

12 genes

CentoCancerHereditary MMR - Mismatch Repair

5 genes

***Genome Backbone available**

Benefit From Our Experience in:



RNA Analysis

Time-efficient: Automatically triggered when applicable, with RNA observations included in each eligible report.

Functional evidence: Reveals how DNA variants affect RNA splicing.

No extra sample: Performed on the same material as the DNA analysis.



Oncology

CENTOGENE Biodatabank with
>1 million individuals from >120 countries

Power of CentoGenome as the backbone for selected panels for a more comprehensive approach

Analyzing variants in **more than 200 cancer associated genes**

* RNA reflex analysis is automatically initiated when a variant predicted to affect splicing is detected in a panel gene that is expressed in blood. If RNA sequencing reflex is triggered, an initial report with DNA results only will be issued, followed by a final integrated report including both DNA and RNA findings. The exact gene list eligible for RNA reflex analysis for each panel can be found in CentoPortal.

For More Information
centogene.com

For Ordering
centoportal.com



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