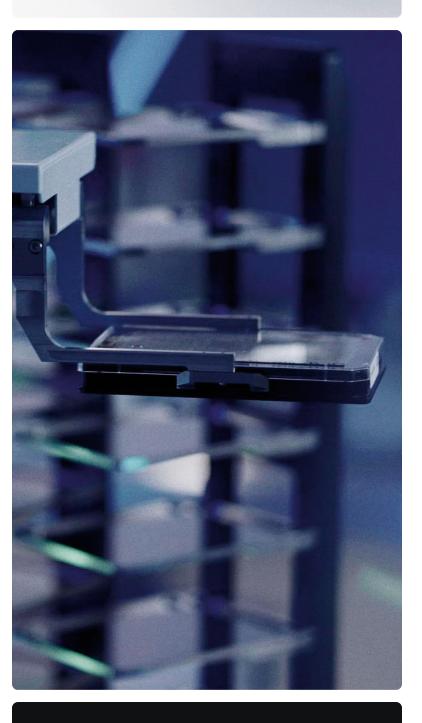
TEMPUS | ONCOLOGY

Germline Assay Guide



This is data-driven precision medicine. This is the future of healthcare.

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хG

Validated Hereditary Cancer Testing

(powered by Ambry Genetics®)

xG+ (CancerNext-Expanded®)

77-gene hereditary cancer DNA test, powered by Ambry Genetics®.

xG (CancerNext®)

36-gene hereditary cancer DNA test, powered by Ambry Genetics®.



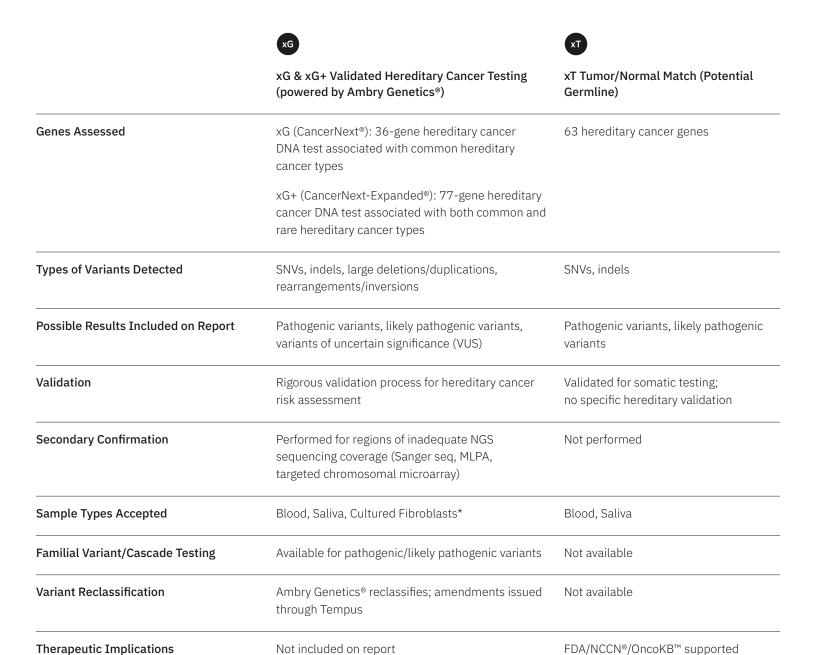
xT Solid Tumor/Normal Match

648 gene somatic panel utilizing a normal match to enhance the accuracy of somatic variant calls by filtering out germline variants.

Based on the xT normal match, potential germline findings from a select list of 63 hereditary cancer genes may be reported on xT, if present. These findings may or may not be related to the patient's current cancer diagnosis.

What are the differences between xG/xG+ Hereditary Cancer Testing and xT Tumor/ Normal Match?

- xG and xG+ are stand-alone validated germline tests that identify various types of germline alterations, including single and multi-exon deletions/duplications and gene rearrangements.
- xG and xG+ are specifically designed to provide hereditary cancer risk assessment and as such, sensitivity and specificity have been rigorously assessed.
- Potential germline reporting through xT tumor/normal matched testing assists in the identification of patients who may benefit from confirmatory follow-up testing with xG or xG+.



The reportable findings for the genes included on the above panels are based upon recommendations from the ACMG, the NCCN, and other published literature. The clinical significance of reported variants are based on germline classification criteria created by the American College of Medical Genetics (ACMG) and Association for Molecular Pathology (AMP).

Available with ordering provider referral

therapies included on report

Not available

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Patient Genetic Counseling Services

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^{*}Requires Skin Punch Biopsy specimen kit and dedicated requisition.

xG (CancerNext®) / xG+ (CancerNext-Expanded®) powered by Ambry Genetics® is available to select providers.