

# Gene Expression Profiling for Breast Cancer (for North Carolina Only)

**Policy Number:** CSNCT0588.05  
**Effective Date:** December 1, 2024

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Related Policies
None

## Application

This Medical Policy only applies to the state of North Carolina.

## Coverage Rationale

The use of one of the following gene expression tests – Oncotype DX® Breast and EndoPredict® – is proven and medically necessary to make a treatment decision regarding adjuvant chemotherapy in females with non-metastatic breast cancer in the certain circumstances. For medical necessity clinical coverage criteria, refer to the [North Carolina Medicaid \(Division of Health Benefits\) Clinical Coverage Policy, Laboratory Services: 1S-11, Genetic Testing - Gene Expression](#).

## Applicable Codes

The following list(s) of procedure and/or diagnosis codes is provided for reference purposes only and may not be all inclusive. Listing of a code in this policy does not imply that the service described by the code is a covered or non-covered health service. Benefit coverage for health services is determined by federal, state, or contractual requirements and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

CPT Code	Description
81519	Oncology (breast), mRNA, gene expression profiling by real-time RT-PCR of 21 genes, utilizing formalin-fixed paraffin embedded tissue, algorithm reported as recurrence score
81522	Oncology (breast), mRNA, gene expression profiling by RT-PCR of 12 genes (8 content and 4 housekeeping), utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as recurrence risk score

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## References

North Carolina Medicaid, Division of Health Benefits, Clinical Coverage Policies, Gene Expression Profiling for Breast Cancer, No: 1S-7. <https://medicaid.ncdhhs.gov/media/14681/download?attachment>. Accessed October 1, 2024.

## Policy History/Revision Information

Date	Summary of Changes
12/01/2024	<p data-bbox="337 205 613 237"><b>Coverage Rationale</b></p> <ul data-bbox="337 237 1450 300" style="list-style-type: none"><li data-bbox="337 237 1450 300">• Updated reference link to the North Carolina Medicaid (Division of Health Benefits) Clinical Coverage Policy, <i>Laboratory Services: 1S-11, Genetic Testing - Gene Expression</i></li></ul> <p data-bbox="337 300 662 331"><b>Supporting Information</b></p> <ul data-bbox="337 331 1169 394" style="list-style-type: none"><li data-bbox="337 331 1169 363">• Updated <i>References</i> section to reflect the most current information</li><li data-bbox="337 363 963 394">• Archived previous policy version CSNCT0588.04</li></ul>

## Instructions for Use

This Medical Policy provides assistance in interpreting UnitedHealthcare standard benefit plans. When deciding coverage, the federal, state or contractual requirements for benefit plan coverage must be referenced as the terms of the federal, state or contractual requirements for benefit plan coverage may differ from the standard benefit plan. In the event of a conflict, the federal, state or contractual requirements for benefit plan coverage govern. Before using this policy, please check the federal, state or contractual requirements for benefit plan coverage. UnitedHealthcare reserves the right to modify its Policies and Guidelines as necessary. This Medical Policy is provided for informational purposes. It does not constitute medical advice.

UnitedHealthcare may also use tools developed by third parties, such as the InterQual<sup>®</sup> criteria, to assist us in administering health benefits. The UnitedHealthcare Medical Policies are intended to be used in connection with the independent professional medical judgment of a qualified health care provider and do not constitute the practice of medicine or medical advice.