

Carrier Testing Panels for Genetic Diseases (for Kansas Only)

Policy Number: CS151KS.01

Effective Date: June 1, 2025

[➔ Instructions for Use](#)

Table of Contents	Page
Application	1
Coverage Rationale	1
Applicable Codes	1
U.S. Food and Drug Administration	2
References	2
Policy History/Revision Information	2
Instructions for Use	2

Related Policies
<ul style="list-style-type: none"> Cell-Free Fetal DNA Testing (for Kansas Only) Preimplantation Genetic Testing and Related Services (for Kansas Only) Whole Exome and Whole Genome Sequencing (Non-Oncology Conditions) (for Kansas Only)

Application

This Medical Policy only applies to the state of Kansas.

Coverage Rationale

For medical necessity clinical coverage criteria for gene analysis (genetic testing), refer to the [Kansas Medical Assistance Program Professional Fee-for-Service Provider Manual](#).

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
0400U	Obstetrics (expanded carrier screening), 145 genes by next generation sequencing, fragment analysis and multiplex ligation dependent probe amplification, DNA, reported as carrier positive or negative
81412	Ashkenazi Jewish associated disorders (e.g., Bloom syndrome, Canavan disease, cystic fibrosis, familial dysautonomia, Fanconi anemia group C, Gaucher disease, Tay-Sachs disease), genomic sequence analysis panel, must include sequencing of at least 9 genes, including <i>ASPA</i> , <i>BLM</i> , <i>CFTR</i> , <i>FANCC</i> , <i>GBA</i> , <i>HEXA</i> , <i>IKBKAP</i> , <i>MCOLN1</i> , and <i>SMPD1</i>
81443	Genetic testing for severe inherited conditions (e.g., cystic fibrosis, Ashkenazi Jewish-associated disorders [e.g., Bloom syndrome, Canavan disease, Fanconi anemia type C, mucopolidosis type VI, Gaucher disease, Tay-Sachs disease], beta hemoglobinopathies, phenylketonuria, galactosemia), genomic sequence analysis panel, must include sequencing of at least 15 genes (e.g., <i>ACADM</i> , <i>ARSA</i> , <i>ASPA</i> , <i>ATP7B</i> , <i>BCKDHA</i> , <i>BCKDHB</i> , <i>BLM</i> , <i>CFTR</i> , <i>DHCR7</i> , <i>FANCC</i> , <i>G6PC</i> , <i>GAA</i> , <i>GALT</i> , <i>GBA</i> , <i>GBE1</i> , <i>HBB</i> , <i>HEXA</i> , <i>IKBKAP</i> , <i>MCOLN1</i> , <i>PAH</i>)
81479	Unlisted molecular pathology procedure

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U.S. Food and Drug Administration (FDA)

This section is to be used for informational purposes only. FDA approval alone is not a basis for coverage.

Laboratories that perform genetic tests are regulated under the Clinical Laboratory Improvement Amendments (CLIA) Act of 1988. More information is available at:

<https://www.fda.gov/medicaldevices/deviceregulationandguidance/ivdregulatoryassistance/ucm124105.htm>.

(Accessed January 28, 2025)

References

Kansas Medical Assistance Program Professional Fee-for-Service Provider Manual. Available at: https://portal.kmap-state-ks.us/Documents/Provider/Provider%20Manuals/Professional_24216_24227.pdf. Accessed January 28, 2025.

Policy History/Revision Information

Date	Summary of Changes
06/01/2025	<ul style="list-style-type: none">New Medical Policy

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 uses InterQual® for the primary medical/surgical criteria, and the American Society of Addiction Medicine (ASAM) criteria for substance use disorder (SUD) services, in administering health benefits. If InterQual® does not have applicable criteria, UnitedHealthcare may also use UnitedHealthcare Medical Policies that have been approved by the Kansas Department of Health and Environment. 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.