

INVITAE DERMATOLOGY GENE PANEL TESTS

Our testing menu, designed and curated by a team of medical genetics experts, contains dermatology-related hereditary cancer conditions, such as melanoma and basal cell nevus syndrome. It also covers developmental disorders that affect the skin, including ectodermal dysplasia and schwannomatosis.

CLINICAL AREA: HEREDITARY CANCER

DERMATOLOGY-RELATED CANCER SYNDROMES

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| Invitae Basal Cell Nevus Syndrome Panel (up to 3 genes) | Primary panel (2 genes) PTCH1 SUFU |
| | Add-on preliminary-evidence gene (1 gene) PTCH2 |
| Invitae Birt-Hogg-Dubé Syndrome Test (1 gene) | Primary panel (1 gene) FLCN |
| Invitae Lynch Syndrome Panel (5 genes) | Primary panel (5 genes) EPCAM MLH1 MSH2 MSH6 PMS2 |
| Invitae Melanoma Panel (up to 12 genes) | Primary panel (9 genes) BAP1 BRCA2 CDK4 CDKN2A MITF POT1 PTEN RB1 TP53 |
| | Add-on preliminary-evidence genes (3 genes) BRCA1 MC1R TERT |
| Invitae Melanoma-Pancreatic Cancer Syndrome Panel (2 genes) | Primary panel (2 genes) CDK4 CDKN2A |
| Invitae Neurofibromatosis Type 2 Test (up to 2 genes) | Primary panel (1 gene) NF2 |
| | Add-on schwannomatosis gene (1 gene) SMARCB1 |
| Invitae Schwannomatosis Test (1 gene) | Primary panel (1 gene) SMARCB1 |
| | Add-on neurofibromatosis type 2 gene (1 gene) NF2 |
| Invitae Tuberous Sclerosis Complex Panel (2 genes) | Primary panel (2 genes) TSC1 TSC2 |

CLINICAL AREA: PEDIATRIC AND RARE DISEASE

SKIN DISORDERS

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| Invitae Cardio-Facio-Cutaneous Syndrome Panel (6 genes) | Primary panel (6 genes) BRAF KRAS MAP2K1 MAP2K2 SHOC2 SOS1 |
| Invitae Ectodermal Dysplasia with or without Tooth Agenesis Panel (up to 10 genes) | Primary panel (8 genes) EDA EDAR EDARADD LTBP3 MSX1 NFKBIA PAX9 WNT10A |
| | Add-on Clouston syndrome and TP63-related disorder genes (2 genes) GJB6 TP63 |
| Invitae Legius Syndrome Test (up to 2 genes) | Primary panel (1 gene) SPRED1 |
| | Add-on neurofibromatosis type 1 gene (1 gene) NF1 |
| Invitae Noonan Syndrome with Multiple Lentiginos Panel (3 genes) | Primary panel (3 genes) BRAF PTPN11 RAF1 |
| Invitae PTEN-Related Disorders Test (1 gene) | Primary panel (1 gene) PTEN |
| Invitae TP63-Related Disorders Test (1 gene) | Primary panel (1 gene) TP63 |
| Invitae van der Woude Syndrome Panel (2 genes) | Primary panel (2 genes) GRHL3 IRF6 |

ABOUT INVITAE

Invitae's mission is to bring comprehensive genetic information into mainstream medical practice to improve the quality of healthcare for everyone. Our goal is to aggregate most of the world's genetic tests into a single service with higher quality, faster turnaround time, and lower price than many single-gene tests today.

For more information about Invitae's genetic tests, please visit www.invitae.com.

