INVITAE

ORDER ONLINE at www.invitae.com/signin.

ORDER ID
For Invitae internal use only

# Requisition Form
CANCER TRF902-14

## PATIENT INFORMATION

First name | MI | Last name

Date of birth (MM/DD/YYYY) | Sex ◯ M ◯ F | MRN (medical record number)

Ancestry ◯ Asian ◯ Black/African American ◯ White/Caucasian ◯ Ashkenazi Jewish ◯ Hispanic ◯ Native American ◯ Pacific Islander ◯ French Canadian ◯ Sephardic Jewish ◯ Mediterranean ◯ Other:

Email address (for report access after release by medical professional)

Phone | Is this patient deceased? ◯ Yes ◯ No Deceased date:

Address | City

State | ZIP code | Country

## SPECIMEN INFORMATION

Label each tube with the patient's full name, date of birth, and specimen collection date.
A requisition form MUST accompany each specimen. www.invitae.com/specimen-requirements

Specimen type : ◯ Blood ◯ Saliva ◯ Assisted saliva ◯ DNA - source:

*DNA must be extracted in a CLIA or other suitably certified laboratory*

*We are unable to accept blood/saliva from patients with:*

- *Allogeneic bone marrow transplants*
- *Blood transfusion <2 weeks prior to specimen collection*

**Collection date (MM/DD/YYYY)** *If not provided, date will be 1 day prior to our receipt of specimen. For DNA, provide date retrieved from archive.*

Special cases : ◯ History of/current hematologic malignancy ◯ Resubmission

## REASON FOR TESTING

**Primary indication:** ◯ Hereditary breast and ovarian cancer (HBOC)
◯ Lynch Syndrome
◯ Polyposis (FAP)
◯ Other: _____

**ICD-10 codes** | **Previous results**

**Testing for a personal history of disease?** ◯ **Yes** ◯ **No** If yes, describe below.
Age at diagnosis: _____

## ORGANIZATION INFORMATION

**Organization name and address**

Organization name

Phone | Fax

Address | City

State | ZIP code | Country

**Primary clinical contact**

Name | Role/title

Phone | NPI

Email address (for report access)

**Ordering physician**

◯ **Same as primary clinical contact**

Name | NPI

Email address (for report access)

**Additional clinical or laboratory contact (optional)**

Name | Email address (for report access)

**Letter of Medical Necessity (LMN)**

◯ I have attached an LMN and/or other documentation for insurance billing purposes.
◯ I agree to allow Invitae to transfer the information from this requisition to an LMN and/or other documentation using the ordering physician's name as the signature for insurance billing.

**Family history?** ◯ **Yes** ◯ **No** If yes, describe in detail below or attach pedigree. If there is a known familial variant, indicate here.

## ◯ INSURANCE BILLING (U.S. ONLY)

◯ **I have attached a copy of the patient's card**

Insurance company name | Member ID#

Patient relation to policy holder: ◯ Self ◯ Child ◯ Spouse ◯ Other

Policy holder name | Prior-authorization #

## ◯ PATIENT PAY BILLING

**Invitae will send an electronic invoice to the patient email listed above**

## ◯ INSTITUTIONAL BILLING

◯ **Send invoice to organization address above**

Billing contact name | Phone | Fax

Billing email address

Billing address | City

State | ZIP code | Country

## ◯ OTHER BILLING

Invitae partner code:

By signing this form, the medical professional acknowledges that the individual/family member authorized to make decisions for the individual (collectively, the "Patient") has been supplied information regarding and consented to undergo genetic testing, substantially as set forth in Invitae's Informed Consent for Genetic Testing (www.invitae.com/patient-consent), and has been informed that Invitae may notify them of clinical updates related to genetic test results (in consultation with the ordering medical professional as indicated). The Patient has further been informed and hereby authorizes Invitae Corporation ("Invitae") and its designees to release information concerning testing to their insurer in order to process and/or appeal claims on behalf of the Patient. For amounts received directly, the Patient agrees to remit payment to Invitae for testing services rendered. I acknowledge that I offered pre-test Genetic Counseling to the Patient, if required by their insurer. In addition to the above, I attest that I am the ordering physician, or I am authorized by the ordering physician to order this test, or I am authorized under applicable state law to order this test.

**Medical professional signature** | **Date**

 

### ORDER INSTRUCTIONS

Select a pre-curated test, combine multiple tests, or customize your own test for each patient. Invitae's pricing is per clinical area for initial order and re-requisition. All tests on this form fall into a single clinical area. If your order contains tests from multiple clinical areas, you will need to send in two sample tubes and your order will represent two billable events. Your test results will be delivered as two reports. Please contact Client Services with any questions. For Invitae's full test menu, please visit www.invitae.com.

### RE-REQUISITION

Invitae offers one re-requisition at no additional charge within 90 days for genes within the original clinical area. For more information and to request online, please visit www.invitae.com/re-requisition.

### FAMILY VARIANT TESTING

Invitae offers Family Variant Testing at no additional charge within 90 days for the genes in which the original family member's variant was identified. In such cases, please use the Family Variant Testing/VUS Resolution requisition form (TRF920), available at www.invitae.com/forms.

To request a complimentary specimen collection kit visit www.invitae.com/request-a-kit

### SHIPPING INSTRUCTIONS

Please ship specimen overnight in insulated containers:

**Attn: Invitae Client Services**
**1400 16th Street**
**San Francisco, CA 94103**
**USA**

### PRELIMINARY-EVIDENCE GENES

Invitae's primary panels contain genes for which there is definitive evidence that variants in these genes cause specific diseases. Preliminary-evidence genes are genes for which there is only early evidence of a relationship between variants in these genes and specific diseases. All preliminary-evidence genes are indicated as such on the requisition form below.

### ASSAY

Invitae is a CAP-accredited and CLIA-certified clinical diagnostic laboratory performing full-gene sequencing and deletion/duplication analysis using next-generation sequencing technology (NGS). Search for details on the analysis of any gene in our test catalog at www.invitae.com/physician/search.

*Invitae continually updates its panels based on the most recent evidence. Please note that if an order is placed using an older version of this form, Invitae reserves the right to upgrade any ordered panel(s) to the current version(s). To avoid confusion, please consider placing your order using our online test catalog.*

## FREQUENTLY-ORDERED PANELS

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Cross-Cancer** | | | |
| ○ 01101 | Invitae Multi-Cancer Panel | 83 | ALK, APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CASR, CDC73, CDH1, CDK4, CDKN1B, CDKN1C, CDKN2A, CEBPA, CHEK2, CTNNA1, DICER1, DIS3L2, EGFR, EPCAM, FH, FLCN, GATA2, GPC3, GREM1, HOXB13, HRAS, KIT, MAX, MEN1, MET, MITF, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NF2, NTHL1, PALB2, PDGFRA, PHOX2B, PMS2, POLD1, POLE, POT1, PRKAR1A, PTCH1, PTEN, RAD50, RAD51C, RAD51D, RB1, RECQL4, RET, RUNX1, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, STK11, SUFU, TERC, TERT, TMEM127, TP53, TSC1, TSC2, VHL, WRN, WT1 |
| ○ 01102 | Invitae Common Hereditary Cancers Panel | 46 | APC, ATM, AXIN2, BARD1, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDKN2A, CHEK2, CTNNA1, DICER1, EPCAM, GREM1, HOXB13, KIT, MEN1, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PDGFRA, PMS2, POLD1, POLE, PTEN, RAD50, RAD51C, RAD51D, SDHA, SDHB, SDHC, SDHD, SMAD4, SMARCA4, STK11, TP53, TSC1, TSC2, VHL |

## STAT Turnaround Time

**SPECIAL INSTRUCTIONS: These panels have a guaranteed turnaround time of 5–12 calendar days from when the specimen is received. Genes cannot be removed and they cannot be ordered with any other non-STAT panels or genes. The option to re-requisition additional genes is available (see details above). Only blood and saliva are accepted (DNA is not accepted).**

| Test code | Test name | | # gene(s) | Gene list |
|---|---|---|---|---|
| ○ 50001 | Invitae Breast Cancer STAT Panel | | 7 | BRCA1, BRCA2, CDH1, PALB2, PTEN, STK11, TP53 |
| | ○ 50001.1 | Add-on ATM gene | 1 | ATM |
| | ○ 50001.2 | Add-on CHEK2 gene | 1 | CHEK2 |
| ○ 50002 | Invitae BRCA1 and BRCA2 STAT Panel | | 2 | BRCA1, BRCA2 |

  

## CANCER PANELS BY ORGAN SYSTEM

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Breast Cancer** | | | |
| ○ 01206 | Invitae Breast Cancer Guidelines-Based Panel | 11 | ATM, BRCA1, BRCA2, CDH1, CHEK2, NBN, NF1, PALB2, PTEN, STK11, TP53 |
| ○ 01202 | Invitae Breast Cancer Panel | 14 | ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, NBN, NF1, PALB2, PTEN, RAD50, STK11, TP53 |
| ○ 01202.1 | Add-on preliminary-evidence genes | 12 | AKT1, FAM175A, FANCC, MRE11, MUTYH, PIK3CA, RAD51C, RAD51D, RINT1, SDHB, SDHD, XRCC2 |
| **Breast and Gynecologic Cancers** | | | |
| ○ 01204 | Invitae Breast and Gyn Cancers Guidelines-Based Panel | 19 | ATM, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, RAD51C, RAD51D, STK11, TP53 |
| ○ 01201 | Invitae Breast and Gyn Cancers Panel | 23 | ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, DICER1, EPCAM, MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, RAD50, RAD51C, RAD51D, SMARCA4, STK11, TP53 |
| ○ 01201.1 | Add-on preliminary-evidence genes | 12 | AKT1, CDC73, FAM175A, FANCC, MRE11, MUTYH, PIK3CA, POLD1, RINT1, SDHB, SDHD, XRCC2 |
| **Colorectal Cancer** | | | |
| ○ 01252 | Invitae Colorectal Cancer Guidelines-Based Panel | 19 | APC, AXIN2, BMPR1A, CHEK2, EPCAM, GREM1, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53 |
| ○ 01252.1 | Add-on gene with emerging data | 1 | RPS20 |
| ○ 01251 | Invitae Colorectal Cancer Panel | 20 | APC, AXIN2, BMPR1A, CDH1, CHEK2, EPCAM, GREM1, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53 |
| ○ 01251.1 | Add-on preliminary-evidence genes | 8 | ATM, BLM, BUB1B, ENG, FLCN, GALNT12, MLH3, RPS20 |
| **Additional Organ Systems** | | | |
| ○ 01271 | Invitae Gastric Cancer Panel | 19 | APC, BMPR1A, CDH1, CTNNA1, EPCAM, KIT, MLH1, MSH2, MSH6, NF1, PDGFRA, PMS2, SDHA, SDHB, SDHC, SDHD, SMAD4, STK11, TP53 |
| ○ 01302 | Invitae Hereditary Paraganglioma-Pheochromocytoma Panel | 10 | MAX, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL |
| ○ 01302.1 | Add-on preliminary-evidence genes | 4 | EGLN1, FH, KIF1B, MEN1 |
| ○ 01303 | Invitae Hyperparathyroidism Panel | 5 | CASR, CDC73, CDKN1B, MEN1, RET |
| ○ 01561 | Invitae Melanoma Panel | 9 | BAP1, BRCA2, CDK4, CDKN2A, MITF, POT1, PTEN, RB1, TP53 |
| ○ 01561.1 | Add-on preliminary-evidence genes | 3 | BRCA1, MC1R, TERT |
| ○ 01411 | Invitae Myelodysplastic Syndrome/Leukemia Panel | 16 | ATM, BLM, CEBPA, EPCAM, GATA2, HRAS, MLH1, MSH2, MSH6, NBN, NF1, PMS2, RUNX1, TERC, TERT, TP53 |
| ○ 01411.1 | Add-on preliminary-evidence genes | 5 | BRCA1, BRCA2, BRIP1, CHEK2, PALB2 |
| ○ 01411.2 | Add-on dyskeratosis congenita genes | 7 | CTC1, DKC1, NHP2, NOP10, TERC, TERT, TINF2 |
| ○ 01411.3 | Add-on Fanconi anemia genes | 17 | BRCA2, BRIP1, ERCC4, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, PALB2, RAD51C, SLX4, XRCC2 |
| ○ 01461 | Invitae Nervous System/Brain Cancer Panel | 25 | ALK, APC, DICER1, EPCAM, HRAS, MEN1, MLH1, MSH2, MSH6, NF1, NF2, PHOX2B, PMS2, PRKAR1A, PTCH1, PTEN, RB1, SMARCA4, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL |
| ○ 01461.1 | Add-on preliminary-evidence genes | 7 | BAP1, BARD1, EZH2, GPC3, KIF1B, POT1, PTCH2 |
| ○ 01461.2 | Add-on hereditary paraganglioma pheochromocytoma genes | 8 | MAX, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127 |

  

## CANCER PANELS BY ORGAN SYSTEM (continued)

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Additional Organ Systems (continued)** | | | |
| ○ 01261 | Invitae Pancreatic Cancer Panel | 20 | APC, ATM, BMPR1A, BRCA1, BRCA2, CDKN2A, EPCAM, MEN1, MLH1, MSH2, MSH6, NF1, PALB2, PMS2, SMAD4, STK11, TP53, TSC1, TSC2, VHL |
| ○ 01261.1 | Add-on preliminary-evidence genes | 3 | CDK4, FANCC, PALLD |
| ○ 01261.2 | Add-on chronic pancreatitis genes | 5 | CASR, CFTR, CTRC, PRSS1, SPINK1 |
| ○ 01362 | Invitae Prostate Cancer Panel | 12 | ATM, BRCA1, BRCA2, CHEK2, EPCAM, HOXB13, MLH1, MSH2, MSH6, NBN, PMS2, TP53 |
| ○ 01362.1 | Add-on preliminary-evidence genes | 3 | FANCA, PALB2, RAD51D |
| ○ 01361 | Invitae Renal/Urinary Tract Cancers Panel | 24 | BAP1, CDC73, CDKN1C, DICER1, DIS3L2, EPCAM, FH, FLCN, GPC3, MET, MLH1, MSH2, MSH6, PMS2, PTEN, SDHB, SDHC, SMARCA4, SMARCB1, TP53, TSC1, TSC2, VHL, WT1 |
| ○ 01361.1 | Add-on preliminary-evidence genes | 6 | BUB1B, CEP57, MITF, PALB2, SDHA, SDHD |
| ○ 01511 | Invitae Sarcoma Panel | 26 | APC, BLM, CDKN1C, DICER1, EPCAM, FH, HRAS, KIT, MLH1, MSH2, MSH6, NBN, NF1, PDGFRA, PMS2, PRKAR1A, PTCH1, RB1, RECQL4, SDHA, SDHB, SDHC, SDHD, SUFU, TP53, WRN |
| ○ 01511.1 | Add-on preliminary-evidence genes | 5 | CDKN2A, POT1, PTCH2, TSC1, TSC2 |
| ○ 01511.2 | Add-on Diamond-Blackfan anemia genes | 10 | GATA1, RPL11, RPL26, RPL35A, RPL5, RPS10, RPS19, RPS24, RPS26, RPS7 |
| ○ 01301 | Invitae Thyroid Cancer Panel | 7 | APC, CHEK2, DICER1, PRKAR1A, PTEN, RET, TP53 |
| ○ 01301.1 | Add-on preliminary-evidence genes | 4 | MEN1, SDHB, SDHD, WRN |

## HEREDITARY CANCER PANELS

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Pediatric Oncology** | | | |
| ○ 01104 | Invitae Pediatric Solid Tumors Panel | 48 | ALK, APC, AXIN2, BAP1, BLM, BMPR1A, CDC73, CDKN1C, DICER1, DIS3L2, EPCAM, FH, GPC3, HRAS, MAX, MEN1, MLH1, MSH2, MSH6, NBN, NF1, NF2, PHOX2B, PMS2, PRKAR1A, PTCH1, PTEN, RB1, RECQL4, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, STK11, SUFU, TMEM127, TP53, TSC1, TSC2, VHL, WRN, WT1 |
| ○ 01105 | Invitae Pediatric Hematologic Malignacies Panel | 16 | ATM, BLM, CEBPA, EPCAM, GATA2, HRAS, MLH1, MSH2, MSH6, NBN, NF1, PMS2, RUNX1, TERC, TERT, TP53 |
| ○ 01106 | Invitae Pediatric Nervous System/Brain Tumors Panel | 24 | ALK, APC, DICER1, EPCAM, HRAS, MEN1, MLH1, MSH2, MSH6, NF1, NF2, PHOX2B, PMS2, PRKAR1A, PTCH1, PTEN, RB1, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL |
| ○ 01106.1 | Hereditary paraganglioma pheochromocytoma genes | 8 | MAX, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127 |
| **Individual Hereditary Cancer Conditions** | | | |
| ○ 01724 | Invitae Ataxia-Telangiectasia Test | 1 | ATM |
| ○ 01728 | Invitae BAP1 Hereditary Cancer Predisposition Syndrome Test | 1 | BAP1 |
| ○ 01722 | Invitae Basal Cell Nevus Syndrome Panel | 2 | PTCH1, SUFU |
| ○ 01722.1 | Add-on preliminary-evidence gene | 1 | PTCH2 |
| ○ 01720 | Invitae Birt-Hogg-Dubé Syndrome Test | 1 | FLCN |
| ○ 01730 | Invitae Bloom Syndrome Test | 1 | BLM |

  

## HEREDITARY CANCER PANELS (continued)

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Individual Hereditary Cancer Conditions (continued)** | | | |
| ○ 01731 | Invitae Carney Complex Test | 1 | PRKAR1A |
| ○ 01732 | Invitae CASR-Related Conditions Test | 1 | CASR |
| ○ 01729 | Invitae CDC73-Related Conditions Test | 1 | CDC73 |
| ○ 01745 | Invitae Chronic Pancreatitis Panel | 5 | CASR, CFTR, CTRC, PRSS1, SPINK1 |
| ○ 01703 | Invitae Constitutional Mismatch Repair-Deficiency Panel | 5 | EPCAM, MLH1, MSH2, MSH6, PMS2 |
| ○ 04164 | Invitae Costello Syndrome Test | 1 | HRAS |
| ○ 01719 | Invitae DICER1 Syndrome Test | 1 | DICER1 |
| ○ 01744 | Invitae Familial Acute Myeloid Leukemia with Mutated CEBPA Test | 1 | CEBPA |
| ○ 01709 | Invitae Familial Adenomatous Polyposis Test | 1 | APC |
| ○ 01712 | Invitae Familial Gastrointestinal Stromal Tumor Syndrome Panel | 7 | KIT, NF1, PDGFRA, SDHA, SDHB, SDHC, SDHD |
| ○ 01733 | Invitae Familial Neuroblastoma Panel | 2 | ALK, PHOXB2 |
| ○ 01733.1 | Add-on preliminary-evidence gene | 1 | KIF1B |
| ○ 01734 | Invitae Familial Platelet Disorder with Propensity to Myeloid Malignancy Test | 1 | RUNX1 |
| ○ 05311 | Invitae Fanconi Anemia Panel | 17 | BRCA2, BRIP1, ERCC4, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, PALB2, RAD51C, SLX4, XRCC2 |
| ○ 05317 | Invitae GATA2 Deficiency Test | 1 | GATA2 |
| ○ 01701 | Invitae Hereditary Breast and Ovarian Cancer Syndrome Panel | 2 | BRCA1, BRCA2 |
| ○ 01707 | Invitae Hereditary Diffuse Gastric Cancer Syndrome Test | 1 | CDH1 |
| ○ 01727 | Invitae Hereditary Leiomyomatosis and Renal Cell Cancer Test | 1 | FH |
| ○ 01723 | Invitae Hereditary Papillary Renal Cell Carcinoma Test | 1 | MET |
| ○ 01711 | Invitae Juvenile Polyposis Syndrome Panel | 2 | BMPR1A, SMAD4 |
| ○ 01705 | Invitae Li-Fraumeni Syndrome Test | 1 | TP53 |
| ○ 01702 | Invitae Lynch Syndrome Panel | 5 | EPCAM, MLH1, MSH2, MSH6, PMS2 |
| ○ 01713 | Invitae Melanoma-Pancreatic Cancer Syndrome Panel | 2 | CDK4, CDKN2A |
| ○ 01717 | Invitae Multiple Endocrine Neoplasia Type 1 Test | 1 | MEN1 |
| ○ 01718 | Invitae Multiple Endocrine Neoplasia Type 2 Test | 1 | RET |
| ○ 01710 | Invitae MUTYH-Associated Polyposis Syndrome Test | 1 | MUTYH |
| ○ 01708 | Invitae Neurofibromatosis Type 1 Test | 1 | NF1 |
| ○ 01708.1 | Add-on Legius syndrome gene | 1 | SPRED1 |
| ○ 04167 | Invitae Neurofibromatosis Type 2 Test | 1 | NF2 |
| ○ 04167.1 | Add-on schwannomatosis gene | 1 | SMARCB1 |
| ○ 01725 | Invitae Nijmegen Breakage Syndrome Test | 1 | NBN |
| ○ 01726 | Invitae Oligodontia-Colorectal Cancer Syndrome Test | 1 | AXIN2 |
| ○ 01736 | Invitae Perlman Syndrome Test | 1 | DIS3L2 |
| ○ 01706 | Invitae Peutz-Jeghers Syndrome Test | 1 | STK11 |

 

## HEREDITARY CANCER PANELS (continued)

| Test code | Test name | # gene(s) | Gene list |
|---|---|---|---|
| **Individual Hereditary Cancer Conditions (continued)** | | | |
| ○ 01704 | Invitae PTEN-Related Disorders Test | 1 | PTEN |
| ○ 01737 | Invitae RECQL4-Related Disorders Test | 1 | RECQL4 |
| ○ 01738 | Invitae Retinoblastoma Test | 1 | RB1 |
| ○ 01714 | Invitae Rhabdoid Tumor Predisposition Syndrome Panel | 2 | SMARCA4, SMARCB1 |
| ○ 04168 | Invitae Schwannomatosis Test | 1 | SMARCB1 |
| | ○ 04168.1 Add-on neurofibromatosis type 2 gene | 1 | NF2 |
| ○ 01739 | Invitae Simpson-Golabi-Behmel Syndrome Test | 1 | GPC3 |
| ○ 01715 | Invitae Small Cell Carcinoma of the Ovary Hypercalcemic Type Test | 1 | SMARCA4 |
| ○ 01721 | Invitae Tuberous Sclerosis Complex Panel | 2 | TSC1, TSC2 |
| ○ 01716 | Invitae von Hippel-Lindau Syndrome Test | 1 | VHL |
| ○ 01740 | Invitae Weaver Syndrome Test | 1 | EZH2 |
| ○ 01741 | Invitae Werner Syndrome Test | 1 | WRN |
| ○ 01742 | Invitae Wilms Tumor Panel | 4 | CDKN1C, DIS3L2, GPC3, WT1 |
| ○ 01743 | Invitae WT1-Related Disorders Test | 1 | WT1 |

## INDIVIDUAL GENES

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ○ | AKT1 | ○ | CDKN1B | ○ | ERCC4 | ○ | GATA2 | ○ | MSH3 | ○ | POT1 | ○ | RPS10 | ○ | SPINK1 |
| ○ | ALK | ○ | CDKN1C | ○ | EZH2 | ○ | GPC3 | ○ | MSH6 | ○ | PRKAR1A | ○ | RPS19 | ○ | SPRED1 |
| ○ | APC | ○ | CDKN2A | ○ | FAM175A | ○ | GREM1 | ○ | MUTYH | ○ | PRSS1 | ○ | RPS20 | ○ | STK11 |
| ○ | ATM | ○ | CEBPA | ○ | FANCA | ○ | HOXB13 | ○ | NBN | ○ | PTCH1 | ○ | RPS24 | ○ | SUFU |
| ○ | AXIN2 | ○ | CEP57 | ○ | FANCB | ○ | HRAS | ○ | NF1 | ○ | PTCH2 | ○ | RPS26 | ○ | TERC |
| ○ | BAP1 | ○ | CFTR | ○ | FANCC | ○ | KIF1B | ○ | NF2 | ○ | PTEN | ○ | RPS7 | ○ | TERT |
| ○ | BARD1 | ○ | CHEK2 | ○ | FANCD2 | ○ | KIT | ○ | NHP2 | ○ | RAD50 | ○ | RUNX1 | ○ | TINF2 |
| ○ | BLM | ○ | CTC1 | ○ | FANCE | ○ | MAX | ○ | NOP10 | ○ | RAD51C | ○ | SDHA | ○ | TMEM127 |
| ○ | BMPR1A | ○ | CTNNA1 | ○ | FANCF | ○ | MC1R | ○ | NTHL1 | ○ | RAD51D | ○ | SDHAF2 | ○ | TP53 |
| ○ | BRCA1 | ○ | CTRC | ○ | FANCG | ○ | MDM2 | ○ | PALB2 | ○ | RB1 | ○ | SDHB | ○ | TSC1 |
| ○ | BRCA2 | ○ | DICER1 | ○ | FANCI | ○ | MEN1 | ○ | PALLD | ○ | RECQL4 | ○ | SDHC | ○ | TSC2 |
| ○ | BRIP1 | ○ | DIS3L2 | ○ | FANCL | ○ | MET | ○ | PDGFRA | ○ | RET | ○ | SDHD | ○ | VHL |
| ○ | BUB1B | ○ | DKC1 | ○ | FANCM | ○ | MITF | ○ | PHOX2B | ○ | RINT1 | ○ | SLX4 | ○ | WRN |
| ○ | CASR | ○ | EGFR | ○ | FH | ○ | MLH1 | ○ | PIK3CA | ○ | RPL11 | ○ | SMAD4 | ○ | WT1 |
| ○ | CDC73 | ○ | EGLN1 | ○ | FLCN | ○ | MLH3 | ○ | PMS2 | ○ | RPL26 | ○ | SMARCA4 | ○ | XRCC2 |
| ○ | CDH1 | ○ | ENG | ○ | GALNT12 | ○ | MRE11 | ○ | POLD1 | ○ | RPL35A | ○ | SMARCB1 | | |
| ○ | CDK4 | ○ | EPCAM | ○ | GATA1 | ○ | MSH2 | ○ | POLE | ○ | RPL5 | ○ | SMARCE1 | | |

  