



# HEREDITARY CANCER REQUISITION

1 Commercial Street, Branford, CT 06405  
Tel: 833-486-6260 / Fax: 516-953-8154  
Tax ID# 13-6171197 / CLIA# 07D2101517  
CT Lic#: CL-0830 / CAP #9283362



STAT Date of surgery: \_\_\_/\_\_\_/\_\_\_ email: hcbranford@sema4genomics.com

Please note that the STAT process will bypass insurance preauthorization and may result in unexpected out of pocket costs.

**Please be sure to fill out all highlighted fields. Failure to fill them in may result in delayed testing and delivery of results.**

## PATIENT INFORMATION

Sema4 will use this information to contact the patient via automatic email, SMS, and/or phone regarding payment, testing status, and online results access. By submitting this requisition, I confirm that I have obtained the patient's authorization to be contacted by Sema4 by these means (email address must be specific to patient listed on form).

PATIENT EMAIL ADDRESS <b>RECOMMENDED</b>	PATIENT MOBILE/PRIMARY NUMBER <b>REQUIRED</b>
LAST NAME <b>REQUIRED</b>	FIRST NAME <b>REQUIRED</b> MI
DATE OF BIRTH MM / DD / YYYY	BIOLOGICAL GENDER <input type="checkbox"/> M <input type="checkbox"/> F <b>REQUIRED</b>

PATIENT/CLIENT MRN \_\_\_\_\_

ADDRESS **REQUIRED** CITY / STATE / ZIP **REQUIRED**

Ethnicity (Check all that apply)

African American  Ashkenazi Jewish  Asian  Caucasian  Hispanic  
 Middle Eastern  Native American  Pacific Islander  Other  Unknown

## BILLING INFORMATION

Bill to:  Client/Institution  Insurance  Self Pay/No Insurance

POLICYHOLDER LAST NAME <b>REQUIRED</b>	POLICYHOLDER FIRST NAME <b>REQUIRED</b>	POLICYHOLDER DOB MM / DD / YYYY
INSURANCE CARRIER <b>REQUIRED</b>	INSURANCE ID <b>REQUIRED</b>	GROUP NO. <b>REQUIRED</b>

BILLING ADDRESS **REQUIRED**

SECONDARY INSURANCE  YES  NO

SECONDARY INSURANCE NAME \_\_\_\_\_ GROUP NO. \_\_\_\_\_

Pre-Authorization #: \_\_\_\_\_ Please include a copy of all insurance paperwork.

**ASSIGNMENT AND RELEASE:** I hereby authorize my insurance benefits be paid directly to the provider and I understand that I am financially responsible for uncovered services. I also authorize the release of any information required to process the claim. Billing inquiries, please call 800-298-6470, Option 3.

SIGNATURE \_\_\_\_\_ DATE MM / DD / YYYY

## REFERRING PROVIDER INFORMATION

Name <b>REQUIRED</b>	Genetic Counselor / Additional Clinician
NPI# <b>REQUIRED</b>	Clinic / Institution <b>REQUIRED</b>
Address <b>REQUIRED</b>	Telephone <b>REQUIRED</b>
	Fax
Sending Physician Practice: <input type="checkbox"/> Doctor's Office <input type="checkbox"/> Referral Lab <input type="checkbox"/> Hospital - Inpatient <input type="checkbox"/> Hospital - Outpatient	

**MEDICAL PROVIDER SIGNATURE OF CONSENT REQUIRED BELOW:** I certify that the patient specified above and/or their legal guardian has been informed of the benefits, risks, and limitations of the laboratory test(s) requested. I have answered this person's questions. I have obtained informed consent from the patient or their legal guardian for this testing.

SIGNATURE \_\_\_\_\_ DATE MM / DD / YYYY

## INDICATIONS FOR TESTING

PATIENT CLINICAL HISTORY:  None  Yes (turn form over)

PATIENT TESTING HISTORY:  None  Yes (turn form over)

FAMILY HISTORY:  None  Yes (turn form over)

## ICD10 Dx CODE(S) - REQUIRED

- C61- Malignant Neoplasm of Prostate
- Z85.3- Personal history of malignant neoplasm of breast
- Z85.43- Personal history of malignant neoplasm of ovary
- Z80.3- Family history of malignant neoplasm of breast
- Z80.41- Family history of malignant neoplasm of ovary
- Z80.0- Family history of malignant neoplasm of digestive organs
- Z85.00- Personal history of malignant neoplasm of unspecified digestive organ
- Z85.07- Personal history of malignant neoplasm of pancreas
- Z85.46- Personal history of malignant neoplasm of prostate
- Z80.42- Family history of malignant neoplasm of prostate
- Z80.8- Family history of malignant neoplasm of other organ
- Other: \_\_\_\_\_

COLLECTION DATE: MM / DD / YYYY

SPECIMEN TYPE: (# of samples sent): YELLOW \_\_\_\_\_ PURPLE \_\_\_\_\_ GREEN \_\_\_\_\_ SALIVA \_\_\_\_\_

## LABORATORY TEST(S) ORDERED - SEE REVERSE FOR FULL GENE LISTING

### Test Selection (Required)

- Genetic counseling provided by GeneScreen
- Comprehensive Hereditary Cancer**
- CancerNext sequencing and deletion/duplication testing
- CancerNext-Expanded sequencing and deletion/duplication testing
- Hereditary Breast and Ovarian Cancer**
- BRCA1 and BRCA2 sequencing and deletion/duplication testing
- BRCA Ashkenazi Jewish 3-site mutation panel
- BRCAplus sequencing and deletion/duplication testing
- BreastNext sequencing and deletion/duplication testing
- GYNplus sequencing and deletion/duplication testing
- OvaNext sequencing and deletion/duplication testing
- Hereditary Colon Cancer**
- Lynch/HNPCC Sequential (Step1: MLH1, MSH2, and MSH6 sequencing and deletion/duplication testing + EPCAM deletion/duplication testing. Step2: PMS2 sequencing and deletion/duplication testing)
- Lynch/HNPCC Concurrent (MLH1, MSH2, MSH6 and PMS2 sequencing and deletion/duplication testing + EPCAM deletion/duplication testing)
- MSH2 Inversion
- ColoNext sequencing and deletion/duplication testing

- Hereditary Brain Tumors/Cancers**
- BrainTumorNext sequencing and deletion/duplication testing
- Hereditary Melanoma**
- MelanomaNext sequencing and deletion/duplication testing
- Hereditary Pancreatic Cancer**
- PancNext sequencing and deletion/duplication testing
- Hereditary Prostate Cancer**
- ProstateNext sequencing and deletion/duplication testing
- Hereditary Paragangliomas and/or Pheochromocytomas**
- PGLNext sequencing and deletion/duplication testing
- Hereditary Renal Cancer**
- RenalNext sequencing and deletion/duplication testing
- Single gene: \_\_\_\_\_
- Targeted Testing: variant \_\_\_\_\_
- Relationship to relative \_\_\_\_\_
- (Please attach a copy of the relative's test report)
- Reflex testing request:

PATIENT CLINICAL HISTORY

Please include a copy of medical consult notes, if available, for billing investigation purposes.

No personal history of cancer

Table with columns: Cancer/Tumor, Age at Dx, Pathology and Other info. Rows include Brain tumor, Breast, 2nd primary breast, Colorectal, Melanoma, Ovarian, Pancreatic, Prostate, Uterine, Hematologic, Other Cancer, and Gl Polyps.

Other clinical history:

PATIENT TESTING HISTORY (IF APPLICABLE) NO PREVIOUS GENETIC TESTING

Form for patient testing history including germline genetic testing, somatic test/tumor profile, microsatellite instability analysis, and IHC.

FAMILY HISTORY

Table for family history with columns for Maternal, Paternal, and Other (siblings/children) family history of cancer, including relation to patient, H/o cancer/polyps, and Dx age.

Hereditary Breast and Ovarian Cancer

BRCA1 and BRCA2 sequencing and deletion/duplication testing
BRCA Ashkenazi Jewish 3-site mutation panel
BRCAplus (sequencing and deletion/duplication testing of the following 8 genes): ATM, BRCA1, BRCA2, CDH1, CHEK2, PALB2, PTEN, TP53
BreastNext (sequencing and deletion/duplication testing of the following 17 genes): ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, MRE11A, MUTYH, NBN, NF1, PALB2, PTEN, RAD50, RAD51C, RAD51D, TP53
GYNplus (sequencing and deletion/duplication testing of the following 13 genes): BRCA1, BRCA2, BRIP1, EPCAM\*, MLH1, MSH2, MSH6, PALB2, PMS2, PTEN, RAD51C, RAD51D, TP53
OvaNext (sequencing and deletion/duplication testing of the following 25 genes): ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, DICER1, EPCAM\*, MLH1, MRE11A, MSH2, MSH6, MUTYH, NBN, NF1, PALB2, PMS2, PTEN, RAD50, RAD51C, RAD51D, SMARCA4, STK11, TP53

Hereditary Brain Tumors/Cancers

BrainTumorNext sequencing and deletion/duplication testing
AIP, ALK, APC, CDKN1B, CDKN2A, DICER1, MEN1, MLH1, MSH2, MSH6, NBN, NF1, NF2, PHOX2B, PMS2, POT1, PRKAR1A, PTCH1, PTEN, SMARCA4, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL

Hereditary Melanoma

MelanomaNext (sequencing and deletion/duplication testing of the following 8 genes): BAP1, BRCA2, CDK4, CDKN2A, MITF, PTEN, RB1, TP53

Hereditary Pancreatic Cancer

PancNext (sequencing and deletion/duplication testing of the following 13 genes): APC, ATM, BRCA1, BRCA2, CDKN2A, EPCAM\*, MLH1, MSH2, MSH6, PALB2, PMS2, STK11, TP53

Hereditary Prostate Cancer

ProstateNext (sequencing and deletion/duplication testing of the following 14 genes): ATM, BRCA1, BRCA2, CHEK2, EPCAM, HOXB13, MLH1, MSH2, MSH6, NBN, PALB2, PMS2, RAD51D, TP53

Hereditary Paragangliomas and/or Pheochromocytomas

PGLNext (sequencing and deletion/duplication testing of the following 12 genes): FH, MAX, MEN1, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL

Hereditary Renal Cancer

RenalNext (sequencing and deletion/duplication testing of the following 19 genes): BAP1, EPCAM\*, FH, FLCN, MET, MITF (genotyping for c.952G>A ONLY), MLH1, MSH2, MSH6, PMS2, PTEN, SDHA, SDHB, SDHC, SDHD, TP53, TSC1, TSC2, VHL

Hereditary Colon Cancer

Lynch/HNPCC Sequential (Step1: MLH1, MSH2, and MSH6 sequencing and deletion/duplication testing + EPCAM deletion/duplication testing. Step2: PMS2 sequencing and deletion/duplication testing)
Lynch/HNPCC Concurrent (MLH1, MSH2, MSH6 and PMS2 sequencing and deletion/duplication testing + EPCAM deletion/duplication testing)
MSH2 Inversion
ColoNext (sequencing and deletion/duplication testing of the following 17 genes): APC, BMPR1A, CDH1, CHEK2, EPCAM\*, GREM1\*, MLH1, MSH2, MSH6, MUTYH, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53

Comprehensive Hereditary Cancer

CancerNext (sequencing and deletion/duplication testing of the following 34 genes associated with increased risk for breast, ovarian, colorectal, uterine, and other cancers): APC, ATM, BARD1, BRCA1, BRCA2, BRIP1, BMPR1A, CDH1, CDK4, CDKN2A, CHEK2, DICER1, EPCAM\*, GREM1\*, HOXB13, MLH1, MRE11A, MSH2, MSH6, MUTYH, NBN, NF1, PALB2, PMS2, POLD1, POLE, PTEN, RAD50, RAD51C, RAD51D, SMAD4, SMARCA4, STK11, TP53
CancerNext-Expanded (sequencing and deletion/duplication testing of the following 67 genes associated with increased risk for breast, colon, ovarian, pancreatic, renal, uterine, and many other cancers): AIP, ALK, APC, ATM, BAP1, BARD1, BLM, BRCA1, BRCA2, BRIP1, BMPR1A, CDH1, CDK4, CDKN1B, CDKN2A, CHEK2, DICER1, EPCAM, FANCC, FH, FLCN, GALNT12, GREM1, HOXB13, MAX, MEN1, MET, MITF, MLH1, MRE11A, MSH2, MSH6, MUTYH, NBN, NF1, NF2, PALB2, PHOX2B, POT1, PMS2, POLD1, POLE, PRKAR1A, PTCH1, PTEN, RAD50, RAD51C, RAD51D, RB1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, STK11, SUFU, TMEM127, TP53, TSC1, TSC2, VHL, XRCC2

\* = sequencing is not available for this gene, (deletion/duplication testing ONLY)

## Informed Consent for Hereditary Cancer Genetic Testing

I, \_\_\_\_\_, hereby request genetic testing for

Myself

My child \_\_\_\_\_

I have received verbal and written information (please see [sema4.com/testcatalog](http://sema4.com/testcatalog) for test-specific information sheet) from my physician or from a genetic counselor that described, in words that I understood, the nature of the genetic testing that I/my child am about to undergo.

The nature of the genetic test, \_\_\_\_\_, has been explained to me and the accuracy of the test and its risks and limitations have been detailed. I understand that specimen(s), such as peripheral blood, saliva, cheek swab, or skin biopsy will be taken from me/my child. I understand that the samples will be used for determining if I have /my child has a genetic disease, are carriers of a genetic disease or are more susceptible to develop a genetic disease or medical condition. The results may also suggest that I am/my child is affected with a condition that is different than, and/or that is in addition to, those considered for the purpose of consenting for this test. I further understand that my or my child's genetic test results may have implications for the rest of the family as genetic changes can be inherited.

I understand that there are several types of genetic test results, including:

- **Positive**, meaning that a mutation that is associated with an increased risk to develop cancer has been identified. The specific type(s) of these risks can vary depending on the gene in which the mutation is found. A positive result may have medical management implications. For certain genes/mutations, the cancer risks are not well established at this time, and more data and specific medical management recommendations related to these genes may evolve over time.
- **Negative**, meaning that no mutations were identified. A negative result reduces, but does not eliminate, the possibility that I carry /my child carries mutations in the genes analyzed or in other genes that are not included in the test. I/my child still have the general population's risk for developing cancer and may also be at a higher risk to develop cancer based on personal/family history.
- **Inconclusive**, meaning that an alteration was identified in the genes tested where there is insufficient information at this time to determine if such alteration is associated with increased cancer risks.

I will discuss any appropriate medical intervention with my healthcare provider before taking any action based on my/my child's results, and I will provide my/my child's genetic test result and personal/family history to my healthcare providers so that they can make an appropriate recommendation.

I understand that although the likelihood of an incorrect diagnosis or a misinterpretation of the result is extremely small, infrequent errors may occur. I understand that this testing may yield results that are of unknown clinical significance and that parental and/or other relative's specimens may also be tested or requested to determine whether a specific finding is inherited. In addition, incidental findings that are not related to the primary diagnosis may be identified in me/my child. An error in the diagnosis may occur if the true biological relationships of the family members involved in this study are not as I have stated.

There are some federal and state laws that address genetic discrimination. The US Genetic Information Nondiscrimination Act (GINA) may prohibit discrimination by employers and health insurances. This law, however, does not protect people in the military nor possible discrimination by other types of insurance such as life, disability or long-term care.

### De-identified research

Sema4 may de-identify and use all data and information generated and received in connection with this test to support medical and academic research relating to health, disease prevention, drug development, and other scientific purposes, and I will receive no compensation in connection with such research. Data and information are "de-identified" by removing any information that could be used to identify a specific person, such as a name, email address, or date of birth. Sema4 may also give the de-identified data and information to its research partners and may submit it to research databases for use in scientific and medical research, including scientific databases that are maintained by the federal government, such as a database kept by the National Institutes of Health ("NIH") (an agency of the federal government that funds research). Researchers have to apply to the NIH to see the information in the database.

If I do not want to have any of my/my child's de-identified data and information used in research consistent with this consent, I may initial here \_\_\_\_\_, or I may withdraw this consent by contacting Sema4, including by emailing [privacy@sema4.com](mailto:privacy@sema4.com).

### Permission to contact

I understand that Sema4 may wish to contact me/my child in the future, including for the following reasons: research purposes, the provision of general information about research findings, and/or the provision of information about the results of tests on my/my child's sample(s). I understand that I may notify Sema4 to opt out of such future contact, including by emailing [privacy@sema4.com](mailto:privacy@sema4.com).

The results of my/or my child's test will be explained to me by a genetic counselor or by my physician who will have the opportunity to discuss my results with a geneticist. I have had the opportunity to have all of my questions answered. If I am signing this form on behalf of a minor for whom I am the legal guardian, I am satisfied that I have received enough information to sign on his or her behalf.

I understand that this consent is being obtained in order to protect my right to have all of my questions answered before testing. I understand that the results of this testing will become part of my medical record and may only be disclosed to individuals who have legal access to this record or to individuals who I designate to receive this information.

### SAMPLE STORAGE

By initialing here, I agree that Sema4 may store, de-identify, and use my/my child's sample and information to support medical and academic research relating to health, disease prevention, drug development, and other scientific purposes, and that I/my child will receive no compensation in connection with such research. If I do not initial here, my/my child's sample will be destroyed at the end of the testing process or not more than 60 days after collection. I understand that I may withdraw this consent by contacting Sema4 (including by emailing [privacy@sema4.com](mailto:privacy@sema4.com)).

\_\_\_\_\_  
Initials

\_\_\_\_\_  
Signature of person being tested (or guardian)

\_\_\_\_\_  
Date

Rev.02/24/2020