



Molecular Genetics Laboratory Hereditary Cancer Requisition

4001 Leslie Street, 3SE-186, Toronto, ON, M2K1E1
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www.nygh.on.ca/genetics/labs

Patient Information

*Patient Name: _____
(Last) (First)

*D.O.B.: _____ *Sex: M / F
yyyy / mm / dd

*Health Card #: _____

Address: _____

Postal Code: _____ (*required)

The DNA extracted from the patient's specimen (blood or tissues) will be destroyed one year after the test is reported. Some residual specimens may be used anonymously in the lab for test development or quality assurance purposes, unless waived by the patient.

I wish to waive the usage of my specimen by the lab. Patient/designate signature _____, Date _____

Sample Information

- Blood in EDTA (lavender) 7 cc
- DNA 1 - 5 µg
- Tissue source: _____
- Oragene saliva
- Skin biopsy 2-3 punch biopsies, diameter 0.3 cm
- Skin tissue culture

Specimen Collection Centre: _____

Collection Date (yy/mm/dd): _____

Patient/Family Information

Has this individual had cancer? No Yes - Specify type: _____

Ethnic background: _____

Have samples from this patient or family been sent to this DNA lab before? No Yes

If Yes, Name: _____ Relationship to your patient: _____

NYGH Lab ID # (if available): _____

Test Requested

Is Expedited testing required? Yes No

Hereditary Cancer Testing Common Gene Panels and Single Gene Disorders (please select on pages 2-3)

Mutation analysis: Gene: _____ Variant: _____

Familial finding (please attach a report)

Tumour finding

Variant interpretation update: Gene: _____ Variant: _____

(please attach a report)

Report to: (Physician Information)

Name _____

Address _____

City _____ Province/Postal Code _____

Phone (____) _____ Fax (____) _____

Signature _____

Genetic counsellor:

Name: _____

Phone (____) _____

Fax (____) _____

E-mail: _____

NYGH LAB USE ONLY

PED #: _____

LAB LABEL: _____

DATE REC'D: _____

Patient name: _____

D.O.B.: _____

Hereditary Cancer Testing Common Gene Panels (sequencing and deletion/duplication)

*deletion/duplication analysis only

	Panels	# Genes	Gene(s)
<input type="checkbox"/>	Hereditary Breast/Ovarian/Prostate Cancer LAB CODE: HBOPC	19	ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, EPCAM*, HOXB13 (G84E), MLH1, MSH2, MSH6, PALB2, PMS2, PTEN, RAD51C, RAD51D, STK11, TP53
<input type="checkbox"/>	Hereditary Endometrial Cancer LAB CODE: HENDOCA	10	BRCA1, BRCA2, EPCAM*, MLH1, MSH2, MSH6, PMS2, POLD1, POLE, PTEN
<input type="checkbox"/>	Hereditary GI (Lynch syndrome, Gastric, Pancreas, Polyposis) Cancer LAB CODE: HGICA	28	APC, ATM, BMPR1A, BRCA1, BRCA2, CDH1, CDKN2A, CHEK2, CTNNA1, EPCAM*, GREM1, MLH1, MLH3, MSH2, MSH3, MSH6, MUTYH, NTHL1, PALB2, PMS2, POLD1, POLE, PTEN, SDHB, SDHD, SMAD4, STK11, TP53
<input type="checkbox"/>	Lynch Syndrome LAB CODE: LYNCH	5	EPCAM*, MLH1, MSH2, MSH6, PMS2
<input type="checkbox"/>	Gastric Cancer LAB CODE: GASTCA	17	APC, ATM, BRCA1, BRCA2, CDH1, CTNNA1, EPCAM*, MLH1, MSH2, MSH6, PALB2, PMS2, SDHB, SDHD, SMAD4, STK11, TP53
<input type="checkbox"/>	Pancreatic Adenocarcinoma LAB CODE: PANCA	12	ATM, BRCA1, BRCA2, CDKN2A, EPCAM*, MLH1, MSH2, MSH6, PALB2, PMS2, STK11, TP53
<input type="checkbox"/>	Polyposis LAB CODE: FP	18	APC, BMPR1A, EPCAM*, GREM1, MLH1, MLH3, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53
<input type="checkbox"/>	Familial Gastrointestinal Stromal Tumour LAB CODE: GISCA	7	KIT, PDGFRA, SDHA, SDHAF2, SDHB, SDHC, SDHD
<input type="checkbox"/>	Familial Melanoma LAB CODE: MELAN	7	BAP1, BRCA2, CDK4, CDKN2A, MITF (E318K), POT1, PTEN
<input type="checkbox"/>	Familial Renal Cancer LAB CODE: RENCA	15	BAP1, FH, FLCN, MET, MITF (E318K), PTEN, SDHA, SDHAF2, SDHB, SDHC, SDHD, TP53, TSC1, TSC2, VHL
<input type="checkbox"/>	Hereditary Pheochromocytoma and Paraganglioma LAB CODE: PGL	12	FH, MAX, MEN1, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL
<input type="checkbox"/>	CNS Tumour LAB CODE: CNSC	20	APC, EPCAM*, LZTR1, MLH1, MSH2, MSH6, NF1, NF2, PMS2, POLE, POT1, PTCH1, PTEN, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL
<input type="checkbox"/>	Soft Tissue Sarcoma LAB CODE: SFTTISCA	12	APC, ATM, BRCA1, BRCA2, CHEK2, EPCAM*, MLH1, MSH2, MSH6, NF1, PMS2, TP53

NYGH LAB LABEL:

Patient name: _____

D.O.B.: _____

Small Panels and Single Gene Syndromes

	Panels	# Genes	Gene(s)
<input type="checkbox"/>	Ashkenazi Jewish Panel LAB CODE: AJF	7	APC (c.3920T>A), BRCA1 (c.68_69del; c.5266dup), BRCA2 (c.5946del), CHEK2 (c.1283C>T), GREM1 (40 kb upstream dup), MSH2 (c.1906G>C), MSH6 (c.3959_3962del; c.3984_3987dup)
<input type="checkbox"/>	AXIN2-related Attenuated Familial Adenomatous Polyposis LAB CODE: AXIN2FAP	1	AXIN2
<input type="checkbox"/>	BAP1 Tumour Predisposition Syndrome LAB CODE: BAP1TP	1	BAP1
<input type="checkbox"/>	Birt-Hogg-Dube Syndrome LAB CODE: BHD	1	FLCN
<input type="checkbox"/>	Carney Complex LAB CODE: CARNEY	1	PRKAR1A
<input type="checkbox"/>	Familial Adenomatous Polyposis (consider ordering with MUTYH) LAB CODE: FAP	1 or 2	APC <input type="checkbox"/> Add MUTYH
<input type="checkbox"/>	DICER-associated Syndrome LAB CODE: DICER	1	DICER1
<input type="checkbox"/>	Dysplastic Nevus Syndrome LAB CODE: DNS	2	CDK4, CDKN2A
<input type="checkbox"/>	Familial Isolated Pituitary Adenoma LAB CODE: FIPA	1	AIP
<input type="checkbox"/>	Hereditary Hyperparathyroidism LAB CODE: HHPT	2	CDC73, MEN1
<input type="checkbox"/>	Hereditary Leiomyomatosis and Renal Cell Cancer LAB CODE: LEIOM	1	FH
<input type="checkbox"/>	Hereditary Lung Cancer LAB CODE: HLCA	1	EGFR: T790M; V834I; V769M
<input type="checkbox"/>	Li-Fraumeni Syndrome LAB CODE: LIFRAU	1	TP53
<input type="checkbox"/>	MEN1 Syndrome LAB CODE: MEN1	2	CDKN1B, MEN1
<input type="checkbox"/>	Multiple Endocrine Neoplasia Type 2 LAB CODE: MEN2	1	RET
<input type="checkbox"/>	Neurofibromatosis Type 1 LAB CODE: NF1	1	NF1
<input type="checkbox"/>	Gorlin Syndrome (Nevoid Basal Cell Carcinoma Syndrome) LAB CODE: GORLIN	2	PTCH1, SUFU
<input type="checkbox"/>	Nijmegen Breakage Syndrome LAB CODE: NBS	1	NBN
<input type="checkbox"/>	Peutz-Jeghers Syndrome LAB CODE: PEUTZ	1	STK11
<input type="checkbox"/>	PTEN Hamartoma Tumour Syndrome LAB CODE: PHTS	1	PTEN
<input type="checkbox"/>	Rare Polyposis Genes LAB CODE: RPOLYP	2	GALNT12, RPS20
<input type="checkbox"/>	Retinoblastoma LAB CODE: RB	1	RB1
<input type="checkbox"/>	Rhabdoid Predisposition Syndrome LAB CODE: RTPS	2	SMARCA4, SMARCB1
<input type="checkbox"/>	Schwannomatosis LAB CODE: SHWAN	3	LZTR1, NF2, SMARCB1
<input type="checkbox"/>	Sessile Serrated Polyposis Cancer Syndrome LAB CODE: SSPCS	1	RNF43
<input type="checkbox"/>	Small Cell Carcinoma of the Ovary, Hypercalcemic Type LAB CODE: SCCOHT	1	SMARCA4
<input type="checkbox"/>	Tuberous Sclerosis LAB CODE: TS	2	TSC1, TSC2
<input type="checkbox"/>	Von Hippel-Lindau Syndrome LAB CODE: VHL	1	VHL

NYGH LAB LABEL:

Sample Requirements

Requisition

Complete this Requisition completely including:

- Patient information: patient's name, date of birth, sex, address and Ontario Health Card number
- Specimen information: specimen type, sample collection centre and date of collection
- Patient/Family information
- Test(s) requested
- Referring physician name, address, phone and fax numbers, and signature
- Genetic counsellor name and contact information
- Any other relevant information

Sample Requirements

- Minimum quantity of sample required is indicated on the requisition.
- Label specimen containers with the individual's first and last names and date of birth.
- If the patient has had a blood transfusion, a minimum of 3 weeks between the time of transfusion and blood collection for molecular testing is required.

Please note:

- ***Specimens received for testing in the incorrect anti-coagulant will be rejected.***
- ***Blood specimens from patients who have had a blood transfusion will be accepted three weeks post transfusion.***
- ***Blood specimens from patients who have had an allogenic transplant (bone marrow or stem cell) will not be accepted.***

Shipping Instructions

- Ship specimens at **room temperature** by overnight courier such that the specimen arrives in the Laboratory Monday to Friday between 8:30 and 4:30
- Samples should be shipped as soon as possible after collection
- Specimens held for a few days prior to shipping should be maintained at 4°C
- When shipping specimens, follow the regulations of the Transportation of Dangerous Goods Act (1992, C.34)