Molecular Diagnostics Request Form

http://www.dukemolecular.org

DUKE UNIVERSITY HEALTH SYSTEM • PHONE: (919) 684-2698 • FAX: (919) 668-9173
DUHS Clinical Labs • 2351 Erwin Rd. • Room 0220 Wadsworth Bldg • Durham, NC 27705

PATIENT INFORMATION

PATIENT D.O.B.

PATIENT LAST NAME FIRST NAME MI

STREET ADDRESS

CITY STATE ZIP

SEX: M ☐ F ☐ DUKE HISTORY #

PATIENT TELEPHONE #:

REQUESTING INSTITUTION PATIENT ID CODE:

*****The DUHS Molecular Diagnostics Laboratory does not bill patients or their insurance companies. The submitting physician/institution is charged for all non-Duke patient testing.**

INDICATION

Indications for Study or ICD9 Code: (REQUIRED)

REQUIRED: Ethnicity of Patient: Other:
☐ African-American ☐ Asian-American ☐ European-Caucasian
☐ Hispanic-Caucasian ☐ Ashkenazi-Jewish

CLIENT INFORMATION

PHYSICIAN NAME AND ADDRESS: (Results will be sent to this address)

REQUESTING PHYSICIAN (PLEASE PRINT)

REQUESTING PHYSICIAN SIGNATURE (**REQUIRED**)

STREET ADDRESS

CITY STATE ZIP

TELEPHONE # FAX #

EMAIL

BILLING CONTACT NAME AND ADDRESS: (Required)

INSTITUTION / CONTACT PERSON

STREET ADDRESS

CITY STATE ZIP

TELEPHONE # FAX #

SPECIMEN COLLECTION

COLLECTION DATE ____/____/____TIME: _____

SPECIMEN TYPE* :

☐ Bone Marrow ☐ Peripheral Blood
☐ Buccal Swab ☐ Fresh Tissue
☐ Paraffin Block*** ☐ Other:

***For archival paraffin-embedded tissue, please provide the Surgical Pathology case number as well as the block number to be tested:

S__-___-_____ block _____

- *Blood and bone marrow: purple top EDTA tubes; 3-6mls for most tests.*
- *Fresh tissue: freeze if not arriving in the lab within 4 hours of collection*
- *Samples should arrive in the lab within 24 hours of collection and may be transported at room temperature.*
- *Buccal swab collection kits are available from the lab (919-684-2698).*

MOLECULAR NGS PANELS

☐ Colon Hotspot NGS Panel*
☐ Lung Hotspot NGS Panel*
☐ Melanoma Hotspot NGS Panel*
☐ Solid Tumor Hotspot NGS Panel*
☐ Glycogen Storage Disease NGS Panel*
*For more information, visit www.dukemolecular.org

MOLECULAR MICROGIOLOGY

☐ Human Papillomavirus (HPV) DNA – HR
[cervical samples in Cytyc PreservCyt solution only]
☐ Reflex to HPV 16/18 Genotyping
☐ Epstein-Barr Virus (EBV Quantitative PCR) [blood and bone marrow only]
☐ CMV Genotyping [EDTA plasma]
☐ HCV Genotyping [serum or EDTA plasma]

MOLECULAR ONCOLOGY

☐ B Cell Clonality/ Gene Rearrangement (B Cell IgH/IgKappa Chain PCR)
☐ T Cell Clonality/ Gene Rearrangement (T Cell Gamma/Beta Chain PCR)
☐ IGH Somatic Mutation Analysis
☐ BCR/ABL1 t(9;22) Quantitative PCR
☐ ABL1 Kinase Domain Sequencing
☐ JAK2 V617F Mutation Analysis
☐ CALR Mutation Analysis
☐ NPM1 Targeted Mutation Analysis
☐ CEBPA Targeted Mutation Analysis
☐ IDH1 Targeted Mutation Analysis with reflex to IDH2
☐ TERT Targeted Mutation Analysis
☐ KRAS Targeted Mutation Analysis
☐ Reflex to BRAF V600E & NRAS Mutation Analysis if KRAS Negative
☐ BRAF V600E Mutation Analysis with reflex to V600K for melanoma cases
☐ Microsatellite Instability (MSI) by PCR & IHC (MLH1, MSH2, MSH6, PMS2)
☐ KIT Targeted Mutation Analysis for GIST or melanoma
☐ PDGFRA Mutation Analysis
☐ TP53 Gene Sequencing
☐ EGFR Targeted Mutation Analysis
☐ Bone Marrow Engraftment Analysis (BME) via STR Profiling
☐ BME - Pre-Transplant Recipient Sample
Donor:
☐ BME - Donor Sample
☐ BME –Post Transplant
☐ Whole ☐ CD3+ ☐ CD15+

Please note that informed consent is required for all genetic testing (to be obtained by the ordering physician)

MOLECULAR GENETICS

☐ Apolipoprotein E (ApoE) Genotyping
☐ Cystic Fibrosis (CFTR Targeted Mutation Analysis)
☐ Include 5/7/9T IVS-8 Analysis
☐ Fragile X (FMR1 Triplet Repeat Analysis
☐ Hemochromatosis (HFE Targeted Mutation Analysis)
☐ Prader-Willi/Angelman Syndrome Methylation PCR
☐ Interleukin 28B (IL28B) Genotyping
☐ UDP-Glucuronosyltransferase (UGT1A1) Genotyping
☐ DNA Extraction and Storage
☐ TMPRSS6 Sequencing (IRIDA)
☐ TP53 Sequencing (Li-Fraumeni)
☐ TGFBI Sequencing (Corneal dystrophy)
☐ MYH9 Sequencing
☐ MOCS1 Sequencing (Molybdenum cofactor deficiency)
☐ MOCS2 Sequencing (Molybdenum cofactor deficiency)
☐ SUOX Sequencing (Sulfite oxidase deficiency)
☐ G6PC Sequencing (GSD Ia)
☐ SLC37A4 Sequencing (GSD Ib)
☐ GAA Sequencing (Pompe/GSD II)
☐ AGL Sequencing (GSD III)
☐ GBE1 Sequencing (GSD IV)
☐ PHKA2 Sequencing (GSD IXa/XLG)
☐ PHKG2 Sequencing (GSD IXc)
☐ GLA Sequencing (Fabry)
☐ ACE Polymorphism Analysis