

Kingston Health Sciences - Molecular Diagnostics Laboratory Testing

Molecular Genetics Inherited Targeted Testing

Amyloidosis (TTR sequencing)

Brugada Syndrome Familial Targeted Sequencing (*Variant specific to family*)

Familial Targeted Sequencing (*Variant specific to family, contact lab for more information*)

Fragile X Syndrome (FMR1)

Hemochromatosis (H63D, C282Y)

Huntington's disease

Long QT Familial Targeted Sequencing (*Variant specific to family*)

Thrombophilia/DVT (Factor V Leiden, Prothrombin)

Molecular Genetics Inherited Panel Testing

Brugada Syndrome & Arrhythmogenic Cardiomyopathy (SCN5A panel)

Long QT Syndrome Multi-Gene Panel

Molecular Oncology Targeted Testing

BCR/ABL t(9;22)(q34;q11.2)

B Cell Clonality (IgH)

BRAF for Melanoma

BRAF for Lynch Syndrome

EGFR for Lung Cancer

FLT3/NPM1 for Acute Leukemia

KRAS testing for Colon Cancer

T Cell Clonality (TCR- β)

Molecular Oncology Panel Testing

Hereditary Cancer Multi-Gene Panel (Breast/Ovarian, Colon, Comprehensive)

Myeloproliferative Neoplasm Panel (JAK2 V617F, JAK2 Exon 12, CALR indel, MPL)

Oncomine Myeloid Multi-Gene Panel for Acute Leukemia (*for Myeloproliferative Neoplasms, contact lab for acceptance criteria*)