

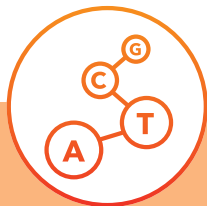


Full Service Test Menu

Diagnostic, prognostic, predictive
and predisposition testing
for oncology and pathology

Comprehensive cancer testing from one dynamic laboratory

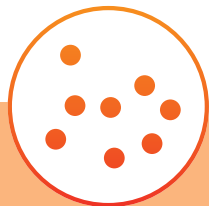
Offering a full continuum with standard-of-care,
innovative, customized and clinical research options



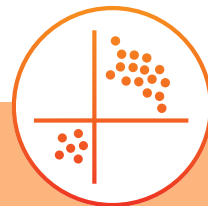
Molecular



Cytogenetics



FISH



Flow Cytometry



Anatomic
Pathology

NeoGenomics has served the oncology and pathology communities for over 15 years.

NeoGenomics has a unique depth of service in hematologic and solid tumor cancer diagnostics with over 600 available tests. Our dedication to patient care and customer service guides our commitment to innovate better cancer laboratory services.

NeoGenomics is the premier laboratory of choice for large and small pathology practices, community oncology centers, academic medical centers and clinical researchers. Some of the advantages of working with NeoGenomics are:

- **Multimodality test methods** offered in-house allows for maximizing yield from small specimens and reduces turnaround time, increasing efficiency for clients
- **Extremely rapid development cycle** enables us to respond quickly to changes in guidelines and newly-published findings
- **Most comprehensive molecular oncology menu available** with broad-coverage and targeted tumor profiles, liquid biopsy assays, panels, single-gene biomarkers and hereditary cancer testing
- **Pharma Services** division supports clinical research and biomarker development around the world with a wide range of service offerings, dedicated project staff and facility space

NeoGenomics is committed to the highest level of service to patients and clients.

We look forward to working with you to enhance your practice, create testing solutions and improve patient care.

Molecular

Hematologic cancer panels and profiles

- NeoTYPE® Cancer Profiles
 - AITL/Peripheral T-Cell Lymphoma
 - AML Prognostic
 - CLL Prognostic
 - Follicular Lymphoma
 - JMML
 - Lymphoma
 - MDS/CMML
 - Myeloid Disorders (63 genes)
 - BTK Inhibitor Acquired Resistance Panel
 - BTK Inhibitor Primary Susceptibility Panel
 - MPN Extended Reflex Panel
 - Rapid AML Therapeutic Panel
-

Solid tumor cancer panels and profiles

- NeoTYPE® Cancer Profiles (with Tumor Mutation Burden)
 - Brain
 - Breast
 - Cervical
 - Cholangiocarcinoma
 - Colorectal
 - Discovery (336 biomarkers)
 - Endometrial
 - Esophageal
 - Gastric
 - GI Predictive
 - GIST and Soft Tissue Tumor
 - Head and Neck
 - HRD+ (no TMB)
 - Liposarcoma Fusion (no TMB)
 - Liver/Biliary
 - Lung
 - Melanoma
 - Other Solid Tumor
 - Ovarian
 - Pancreas
 - Precision (83 biomarkers)
 - Thyroid
- NGS Fusion Panels
 - Brain
 - Breast
 - Cholangio/Pancreatic Carcinoma
 - Colorectal
 - Ewing Sarcoma
 - Lung
 - Non-Ewing Sarcoma
 - NTRK
 - NTRK and RET
 - Prostate

- Rhabdomyosarcoma
- Salivary Gland
- Sarcoma Comprehensive
- Targeted Solid Tumor
- Thyroid
- Universal Solid Tumor
- BRCA1/2 for Tumors
- Breast Cancer Index® (BCI)*
- CancerTYPE ID®*
- DNA Fingerprinting Analysis (send-out)
- HPV DNA Tissue Testing
- Microsatellite Instability
- Prosigna® Assay
- RAS/RAF Panel

*Performed by Biotheranostics, Inc.

Single gene tests

- ABL1 Kinase Domain
- ALK Mutation Analysis
- Androgen Receptor Mutation Analysis
- ASXL1
- ATRX
- B-Cell Gene Rearrangement
- BCL1, t(11;14)
- BCL2, t(14;18)
- BCR-ABL1, t(9;22) (p210, p190) (p230)
- BRAF
- BTK
- CALR
- CEBPA
- CSF3R
- CTNNB1
- CXCR4
- DNMT3A
- EGFR
- EGFRvIII Analysis
- ERBB2
- ETV6-RUNX1 (TEL-AML1), t(12;21)
- FGFR CDx
- FLT3
- IDH1
- IDH2
- IgH Clonality/MRD by NGS
- IgVH
- inv(16), CBFB-MYH11
- JAK2 V617F
- JAK2 Exon 12-13
- KIT
- KRAS
- MAP2K1
- MET (c-MET)
- MET Exon 14 Deletion Analysis
- MGMT Methylation
- MLH1 Methylation
- MPL

- MYD88
 - NOTCH1
 - NPM1
 - NPM1 MRD Analysis
 - NRAS
 - PDGFRa
 - PIK3CA
 - PIK3CA Mutation CDx
 - PLC-Gamma-2
 - PML-RARA, t(15;17)
 - PTEN
 - RUNX1-RUNX1T1 (AML1-ETO), t(8;21)
 - SF3B1
 - SRSF2
 - STAT3
 - T-Cell Receptor Beta
 - T-Cell Receptor Gamma
 - TERT Promoter Mutation Analysis
 - TET2
 - THxID® BRAF for Melanoma
 - TP53
 - UGT1A1 Genotyping
-

NeoLAB® liquid biopsies for hematologic cancers

- AML Profile
 - BTK Inhibitor Acquired Resistance Panel
 - MDS/CMML Profile
 - Myeloid Disorders Profile
 - FLT3
 - IDH1/IDH2
 - inv(16), CBFB-MYH11 Translocation
 - KIT (c-KIT)
 - NPM1
 - RUNX1-RUNX1T1 (AML1-ETO) Translocation, t(8;21)
-

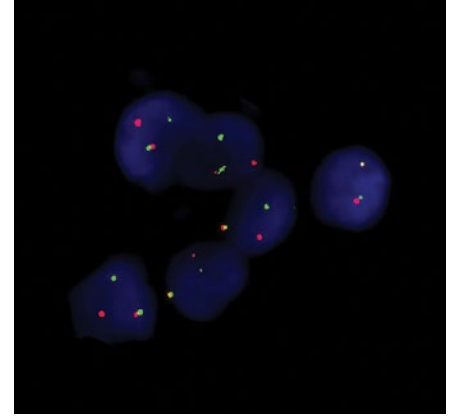
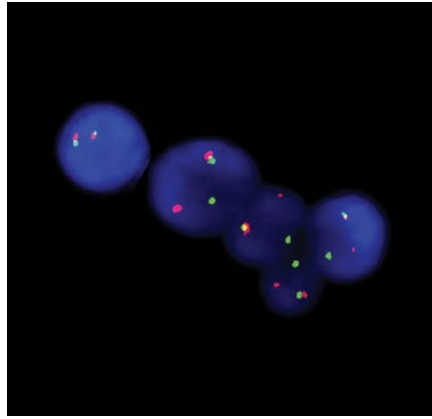
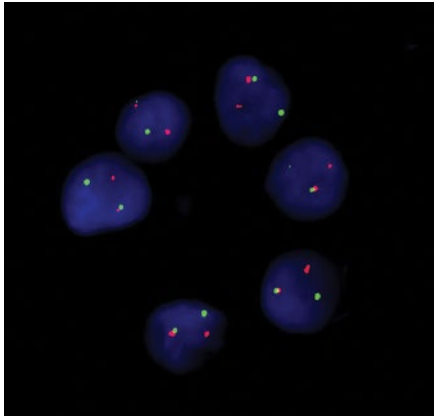
Solid tumor liquid biopsies

- InVisionFirst® — Lung
 - NeoLAB® Solid Tumor
 - PIK3CA Mutation CDx — Plasma
-

Hereditary cancer predisposition

Note: These tests are send-outs.

- Bone Marrow Failure NGS Panel
- BRCA1 Single Gene
- BRCA2 Single Gene
- BRCA1 and BRCA2 Focus Panel
- Colorectal Cancer Focus Panel
- Comprehensive Cancer Panel
- Focus Cancer Panel



Consultations

- Cancer of Unknown Primary
- Hematologic Cancers
- Molar Pregnancy
- Solid Tumors

Cytogenetics

- Oncology Chromosome Analysis
 - Hematologic Cancers
 - Solid Tumors
- Constitutional Chromosome Analysis (send-out)
- Products of Conception (send-out)
- Microarray, constitutional and oncology (send-out)

FISH

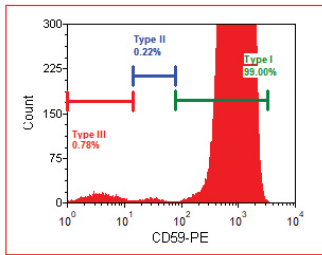
HemeFISH®

- Acute Lymphoblastic Leukemia (ALL)
 - ALL Panel
 - ALL Profile (Ph-Like)
 - CDK2NA (p16) Deletion
- Acute Myeloid Leukemia (AML)
 - AML Standard Panel
 - AML Favorable-Risk Panel
 - AML Non-Favorable Risk Panel
 - NUP98
- BCR/ABL1/ASS1
- CLL Panel
- Lymphoma
 - ALCL Panel
 - DUSP22-IRF4 Rearrangement
 - High-Grade B-Cell Lymphoma Reflex Panel
 - High-Grade/Large B-Cell Lymphoma Panel
 - Low-Grade/Small B-Cell Lymphoma Panel
 - NHL Panel
 - TCL1
 - TP63 Rearrangement
 - 11q Aberration in NHL
 - 1p36 Deletion
- Myelodysplastic Syndrome (MDS)
 - MDS Extended Panel
 - MDS Standard Panel
- Plasma Cell Myeloma
 - Plasma Cell Myeloma IgH Complex Panel
 - Plasma Cell Myeloma Panel
 - Plasma Cell Myeloma Prognostic Panel
- Myeloproliferative Neoplasm (MPN) and Eosinophilia
 - Eosinophilia Panel
 - MPN Panel
 - JAK2 (9p24.1)
- PML/RARA and RARA Break-Apart
- Comprehensive Menu of Individual Hematologic FISH Probes

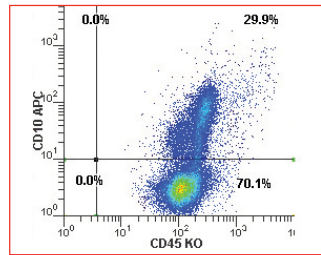
FISH for solid tumors

- 1p/19q Deletion (Glioma)
- Bladder Cancer FISH
- BRAF Rearrangement (Brain and Others)
- CDKN2A (p16, Mesothelioma or Glioma)
- EGFR Amplification
- FGFR2 Rearrangement
- HER2
 - HER2 Breast
 - HER2 Colorectal
 - HER2 Gastric/GEA
 - HER2 (Other)
- Lung Cancer - NSCLC
 - ALK
 - RET
 - ROS1
- MDM2
- MET
- MYC Amplification (Angiosarcoma)
- MYCN Amplification
- NeoSITE® Melanoma
- NTRK1, NTRK2, NTRK3
- NTRK3 FISH
- PDGFB Rearrangement (DFSP)
- PDGFRA Amplification (Brain)
- Ploidy FISH for Molar Pregnancy
- PTEN (Prostate and Others)
- RET
- Sarcoma
 - DDIT3 (CHOP)
 - EWSR1
 - MDM2
 - SS18 (SYT)
- TFE3
- TOP2A (Breast)
- USP6

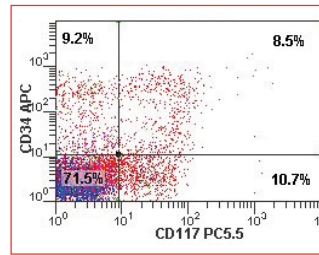
Red Blood Cells



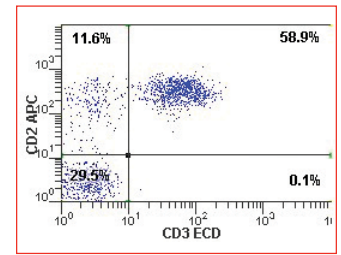
Granulocytes



Mononuclear



Lymphocytes



10-color flow cytometry services at NeoGenomics include cost-effective follow-up panel options and a proprietary antibody preparation method to increase consistency in serial testing.

Flow Cytometry

- Standard Leukemia/Lymphoma Panel- 24 markers
- Extended Leukemia/Lymphoma Panel- 31 markers
- CD52 Analysis
- CD4/CD8 Ratio for BAL
- Add-On Tubes
 - AML
 - B-ALL
 - CLL/Mantle Cell Companion
 - Erythroid-Mega
 - Hairy Cell
 - Mast Cell
 - Plasma Cell
 - Sezary T-Cell
 - T-ALL
 - T-Cell Receptor/LGL
- Follow-up Panels
 - AML
 - B-ALL
 - B-Cell Lymphoma
 - Hairy Cell
 - Plasma Cell
 - T-ALL
 - T-Cell Lymphoma
- MRD Panels
 - B-ALL MRD Analysis
 - CLL MRD Analysis
 - MM MRD Panel
- Plasma Cell Panel
- PNH High Sensitivity Evaluation
- T&B Tissue Panel
- T-Cell Lymphoma Companion Panel
- V-Beta T-Cell Clonality

Histology

Digital Image Analysis

*Notates tests that can be performed with digital image analysis

In Situ Hybridization (ISH)

- Albumin RNA ISH
- CMV
- EBER
- HPV RNA ISH Panel
- Kappa/Lambda

Special stains

- AFB
- Alcian Blue
- Calcium Stain
- Colloidal Iron
- Congo Red
- Copper Stain
- Elastic Stain
- Fite Stain
- Fontana Masson
- Giemsa
- GMS
- Gram Stain
- Iron
- MPO Cytochemical Stain
- Mucicarmine
- PAS
- PAS for Fungus
- PAS with Digestion
- Reticulin
- Trichrome
- Warthin Starry
- Wright Giemsa

Immunohistochemistry (IHC) antibodies

- AAT
- ACTH
- Adenovirus
- AFP
- ALK (D5F3)
- ALK-1 (heme)
- Amyloid A
- Amyloid P
- Annexin A1
- AR*
- ATRX
- Ariginase 1
- B72.3
- BAP1
- BCA-225
- BCL1/Cyclin D1
- BCL2
- BCL2 (SP66)
- BCL6
- BCL10
- BerEP4
- Beta Catenin
- BG8
- BOB1
- BRAF V600E
- BRCA1
- Breast Triple Stain (CK5 + p63 + CK 8/18)
- BRG1 (SMARCA4)
- CA125
- CA19.9
- Calcitonin
- Caldesmon
- Calponin
- Calretinin

Histology

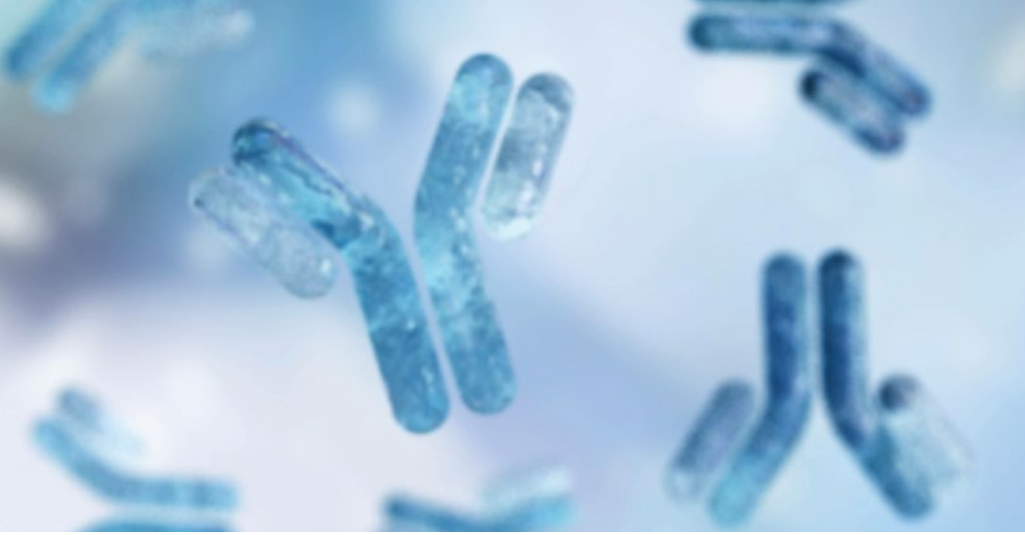
Immunohistochemistry (IHC) antibodies, continued

- CAM 5.2 (CK LMW)
- Carbonic Anhydrase IX (CA IX)
- CD1a
- CD2
- CD3
- CD4
- CD5
- CD7
- CD8
- CD10
- CD11c
- CD14
- CD15
- CD19
- CD20
- CD21
- CD22
- CD23
- CD25
- CD30
- CD31
- CD33
- CD34
- CD35
- CD38
- CD42b
- CD43
- CD44
- CD45 (LCA)
- CD45RO
- CD56
- CD57
- CD61
- CD68
- CD68 (PG-M1)
- CD71
- CD79a
- CD99
- CD103
- CD117 cKIT
- CD123
- CD138
- CD163
- CDK4
- CDX2
- CDX2/CK7 Double Stain
- CEA (Mono)
- CEA (Poly)
- Chromogranin A
- CK 5/6

- CK 7
- CK 14
- CK 17
- CK 18
- CK 19
- CK 20
- CK HMW (CK903/34BE12)
- CK HMW +p63
- CK HMW/LMW Double Stain
- cMET
- CMV
- cMYC
- Collagen IV
- COX2
- cREL
- CXCL13
- D240
- DBA.44
- Desmin
- DLL3
- DOG1
- DPC4
- EBV (LMP1)
- E-Cadherin
- EGFR
- EGFR (E746-A750del specific)
- EGFR (L858R mutant specific)
- EMA
- ER*
- ERCC1
- ERG
- Factor VIII RA
- Factor XIIIa
- Fascin
- FLI-1
- FOXP1
- FOXP3
- FSH
- Galectin 3
- Gastrin
- GATA3
- GCDFP15

- GCET1
- GFAP
- GH
- Glucagon
- GLUT1
- Glycophorin A
- Glypican-3
- GS
- H3K27me3
- H. Pylori
- HBME1
- HCG Beta
- Hemoglobin A
- Hepatitis B Core Antigen
- Hepatitis B Surface Antigen
- HepPar1
- HER2 Breast*
- HER2 Colorectal
- HER2 Gastric/GEA
- HER2 (Other)
- HGAL
- HHV8
- HMB45
- HPL
- HSV I/II
- ICOS
- IDH1
- IgA
- IgD
- IgG
- IgG4
- IgM
- Inhibin
- INI1
- iNOS
- INSM1
- Insulin
- Kappa
- Ki67*
- Ki67 NET
- Lambda
- Laminin





- Langerin
- LEF1
- LH
- LMO2
- Lysozyme
- MAL
- Mammaglobin
- MDM2
- Melan A (Mart1)
- Melan A/Ki67
- MITF
- MLH1*
- MOC31
- MPO
- MSA
- MSH2*
- MSH6*
- MUC1
- MUC2
- MUC4
- MUC5
- MUC6
- MUM1
- MyoD1
- Myogenin
- Myoglobin
- Napsin A
- NeuN
- NF (Neurofilament)
- NGFR
- NKX2.2
- NKX3.1
- NSE
- NUT
- OCT2
- OCT4
- Olig2
- p16
- p21
- p27
- p40
- p53*

- p57
- p63
- p120 Catenin
- P501S
- P504S
- pAKT
- Pan-Cytokeratin
- Pan-TRK
- Parafibromin
- Parvovirus
- PAX2
- PAX5
- PAX8
- PD-L1 22C3 FDA (KEYTRUDA®) for Cervical
- PD-L1 22C3 FDA (KEYTRUDA®) for Esophageal
- PD-L1 22C3 FDA (KEYTRUDA®) for Gastric/GEA
- PD-L1 22C3 FDA (KEYTRUDA®) for Head and Neck
- PD-L1 22C3 FDA for NSCLC
- PD-L1 22C3 FDA (KEYTRUDA®) for TNBC (Breast)
- PD-L1 22C3 FDA (KEYTRUDA®) for Uro. Carc.
- PD-L1 SP142 FDA (TECENTRIQ®) for NSCLC
- PD-L1 SP142 FDA (TECENTRIQ®) for TNBC (Breast)
- PD-L1 SP142 FDA (TECENTRIQ®) for Uro. Carc.
- PD-L1 28-8 FDA (OPDIVO®)
- PD-L1 28-8 FDA (OPDIVO®+ YERVOY®) for NSCLC
- PD-L1 SP263 FDA (IMFINZI™)
- PD-L1 LDT
- Perforin
- PgR*
- pHistone H3 (PHH3)
- PIT1
- PLAP
- PMS2*
- Pneumocystis Carinii (Jiroveci)
- PRAME

- Prolactin
- Prostate Triple Stain
- PSA
- PSAP/HPAP
- PSMA
- PTEN
- PTH
- RCC1
- Retinoblastoma Protein (RB)
- ROS1
- RRM1
- S100
- S100p
- SALL4
- SATB2
- Serotonin
- SF1
- SMA
- SMMHC
- Smoothelin
- Somatostatin
- Somatostatin Receptor, Type 2
- SOX2
- SOX10
- SOX11
- Spirochete
- STAT6
- Surfactant
- SV40
- Synaptophysin
- TCL1
- TCR BetaF1
- TCR Delta
- TdT
- TFE3
- Thrombomodulin (TM)
- Thyroglobulin (TGB)
- TIA1
- TLE1
- TOPO1
- Toxoplasma
- TRAcP
- Tryptase
- TS
- TSH
- TTF1
- Tuberculosis
- Tyrosinase
- Uroplakin II
- Uroplakin III
- Varicella Zoster Virus (VZV)
- VEGF
- Villin
- Vimentin
- WT1
- ZAP70



**One Lab.
Vital Answers.**
Transforming Care for
Cancer Patients.

NeoGenomics is the **One Lab** you can rely on for **vital answers** in cancer diagnostics throughout your patient's entire cancer experience

For more information, please connect with your Territory Business Manager, call Client Services at 866.776.5907 option 3, or visit our website neogenomics.com.

NeoGenomics Laboratories is a specialized oncology reference laboratory providing the latest technologies, testing, partnership opportunities and interactive education to the oncology and pathology communities. We offer the complete spectrum of diagnostic services in molecular testing, FISH, cytogenetics, flow cytometry and immunohistochemistry through our nationwide network of CAP-accredited, CLIA-certified laboratories.



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