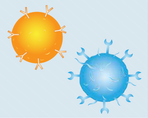
IHC - Organ Panel Markers



B & T -Cell Associated Lymphoma Panel

CD45, TDT, CD15, CD30, CD19, CD79a, CD21, CD66, CD20, Kappa, Lambda, IgM, BLA.36, IgG, B Cell, IgD, Cyclin-D1, CD3, ZAP-70, PAX5, BCL2, PU.1, BOB-1, CD8, MUM1, CD138, CD5, CD10, BCL6, ALK, CD38, CD4, Ki-67, CD43, CD15, CD1a, CD71, CD7, HLA-DR, CD19, CD22, CD11c, CD56, CD68, CD10, CD23, A1F1(LBA1), CD123/IL3RA, TIM3,HAVCR2/CD366, CD137, HLA-DP, DQ, DX Antigen, Granzyme B, Anaplastic Lymphoma Kinase (ALK), Perforin, LMP-1(EBV), Bax Protein, LEF 1

Bladder Cancer Panel

CK5, CK7, CK20, CK13, CK18, CEA, Ki-67, p53, BCL2, p21, Survivin, CD34, VEGF, CD31, EGFR, c-erbB-2, c-erbB-3, CD95, Uroplakin III a, GATA-3, p57 kip2, Alpha-1-Antitrypsin

Breast Cancer Panel

ER, PR, Her2, p53, Cathepsin D, BRCA1, TAG-90 (BCA), Ki-67, CK5&6, p63, CK14, EMA, GCDFP-15, CK20, CK7, BCL2, E-Cadherin, Beta-Catenin, EGFR, SMA, Calponin, Caldesmon, Collagen IV, BCA-225, TAG72, Cyclin-E1, Cyclin-D1, CD105, p120, PD1, Top-2A, TTF-1, CDX-2, CK8, PTEN, ATRX, CTNNB-1, Neu, Estrogen Receptor Beta, HIF-1 alpha, Cdk4, P57, Brg-1 / SMARCA4, Estrogen Receptor alpha, Laminin Receptor

Cervical Cancer Panel

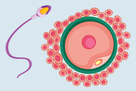
c-Myc, CK7, CK13, CK19, HSV-I, HSV-II, p63, p16, CK14, CK5&6, MUC5AC, HPV-16, Beta-Catenin, E Cadherin, EGFR, p53, Ki-67, CK10

Colorectal & Stomach Cancer Panel

CA19.9, MUC2, p53, EGFR, CDX2, CEA, CK20, CK7, CK5, CD117, DOG1, VEGF, Beta-Catenin, MLH1, MSH2, MSH6, PMS2, Her2, Pan CK, CK19, Epcam, Survivin, CEA, Villin, IL-1a, CDH17, Claudin-4, Stat 6, BCOR, TLE-1, Interleukin 6, SV40, COX-2

Esophagus Cancer Panel

p63, CK HMW, CK Pan, CK5&6, CK14, CK17, CDX2, MUC2, MUC5AC, EGFR, p53, VEGF, ER



Germ Cell Tumor Panel

AFP, hCG, WT1, Oct-4, Ferritin Light Chain, CD117, PLAP, p53, Oct-3/4

Head & Neck Cancer Panel

TTF1, Calcitonin, Thyroglobulin, CD34, CK7, CK20, PAX8, p63, p16, p53, MHC, CD68, S100, CA19.9, CD27, CEA, EMA, CK cocktail (AE1/AE3), Calponin, CD117, CK5&6, CD45, CD4, CD 31, Lamin B1

Kidney Cancer Panel

WT1, CD10, Calcitonin, Cathepsin-D, RCC, Pan CK, CK7, CK20, Vimentin, P504S (AMACR), Collagen-IV, CD34, VEGF, Ki-67, Mcm2, PD-L1, Nestin, STAT3, CD147/EMMPRIN/Neurothelin, FLI-1, PAX2, INI-1, TFE3, SPEC1, IgG4, β-Amyloid, Tau, TIGIT

Liver Cancer Panel

Glypican-3, CK LMW, AFP, CK19, CK7, CK20, TTF1, CD15, Beta-Catenin, CA125, CK18, CK8 & 18, E-Cadherin, HSP-70, p53, VEGF, AMYLOID P, Adipophilin/Perilipin2, Transthyretin, SDHB, Caspase-3, Arginase I, Arginase

Lung Cancer Panel

TTF1, p63, CK5, CK6, CK7, CK20, CEA, CK19, Napsin-A, Calretinin, PD1, PD-L1, CK Pan, Neurofilament, ALK/p80, CD34, MPO, EGFR, CD56, E-Cadherin, Epcam, Melan-A, p53, SOX2, TAG-72, Vimentin, chromogranin A, synaptophysin, CD56, Desmoglein 3, CD35/CR1, HIF-2 alpha, INSM1

Melanoma Panel

MSA, S100, Melan-A, Vimentin, Tyrosinase, Melanoma, MiTF, Factor VIII, SMA, Desmin, CD34, MELANOMA MARKER, Filaggrin, Langerin, Cytokeratin, SOX9, Nucleophosmin, Cytokeratin, Pan, CD63, Cytokeratin 10, cytokeratin 14, cytokeratin 15, HSP70, Melanoma Cocktail, Melanosome / HMB45, MLH1, PMS2, TDP43/TARDBP, TIGIT, Adipophilin, SOX10, CD146/Muc18, cytokeratin 13, cytokeratin 5&6, cytokeratin LMW (AE1)

Muscle Cancer Panel

SMA, Calponin, CD44, Calcitonin, Desmin, Caldesmon, Myogenin (Myf4), Dystrophin, Vimentin, S100, β-tubulin, BCL2, Actin, Pan CK, CD31, CD99, ERG, CD34, ALK, CD30, LgG, Actin, Muscle Specific, Pax-7

Neuroendocrine Tumor Panel

Synaptophysin, Chromogranin A, Neurofilament, CD56, NSE, CDX2, TTF1, GFAP, Prolactin, Ki-67, LH, CD57, NSE, PGP9.5, CD8a, Thyroid Peroxidase, Interferon Alpha

Ovarian Cancer Panel

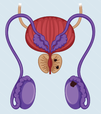
CK7, bFGF, Estradiol, CA125, ER, Vimentin, CK20, Her2, Mesothelin, C-jun, NSE, FSH, CEA, PLAP, WT1, beta-HCG, Inhibin, AFP, EGFR, Calretinin, p53, Napsin A, PR, PAX8. CD, Oct-3/4

Pancreas Cancer Panel

Insulin, Chromogranin A, Glucagon, Synaptophysin, NSE, CEA, CA19.9, MUC4, MUC5AC, CK7, CK8, CK17, CK1, CK19

Pituitary Gland Cancer Panel

FSH, ACTH, LH, TSH, Prolactin, HGH, p53, Topoisomerase II alpha, Ki67, VEGF, FSH receptor



Prostate & Testicular Cancer Panel

ERG, P504S (AMACR), PSA, PSAP, AR, p63, CK Pan, Oct4, CK7, CK20, AFP, CD30, PSMA, EMA, CD117, CD30, SALL 4, Glutamine Synthetase, Prostein, Smoothelin, Histone H3, NKX-3.2, Phospho-Histone H3, P40, NKX3.1, Oct-3/4, Cyclin B1

Skin Cancer Panel

CK20, EMA, CK7, CD15, GCDFP, S100, Vimentin, CKLMW, CKHMW, CEA, CK Cocktail, Epcam, Bcl2, CD10, Androgen Receptor, BeR-EP4, CK19, CD34, CD45, CD2, CD3, CD4, CD7, Perforin, Granzyme B, ERG, MUM1, Survivin, NSE, COX-2, MiTF, Adipophilin, CD146, CK13, CK5&6, Cytokeratin, Melanoma, SOX 10, Tyrosinase, MSA, SMA, Melan A, Desmin, vWF, Podoplanin, CK8/18, CK5 Ab-BLK/Ab, SMMHC, p40

Vascular Cancer Panel

VEGF, Factor VIII (vWF), ERG, CD34, CD31, FLI-1

Contact Information:

USA: 48810 Kato Road, Suite 200E,Fremont,CA 94538, USA

India: SEZ Unit, Plot No.4, SEZ for Aerospace & Precision Engineering
Adibatla, R. R. Dist. - 501510, Telangana State, India

T: +1-800-421-4149
F: +1-510-824-1490

T: +91-9100032862
+91-6309448856

For technical support reach out to us on:
reagentsupport@biogenex.com
instrumentcare@biogenex.com

www.biogenex.com
e-mail: indiacs@biogenex.com

BioGenex
Accelerating the pace of precision medicine

© 2020 BioGenex Laboratories, Inc. All Rights Reserved Doc. No. 907-4116.0 Rev. C