

R&D Assay for Cancer Research

Cancer Biomarkers 연구를 위한 R&D systems의 Assay kit

Angiogenesis Circulating Biomarkers Metastasis Apoptosis

Multiplex Assay

Proteome Profiler (Antibody Array)

ARY001B	Human Phospho-RTK Array kit
ALK, Axl, DDR1, DDR2, Dtk, EGF R, EphA1, EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA10, EphB1, EphB2, EphB3, EphB4, EphB, ErbB2, ErbB3, ErbB4, FGF R1, FGF R2 alpha, FGF R3, FGF R4, Flt-3, HGF R, IGF-I R, Insulin R, M-CSF R, Mer, MSP R, MuSK, PDGF R α , PDGF R β , c-Ret, ROR1, ROR2, Ryk, SCF R/c-kit, Tie-1, Tie-2, TrkA, TrkB, TrkC, VEGF R1, VEGF R2, VEGF R3	
ARY002B	Human Phospho-MAPK Array Kit
Akt1, Akt2, Akt3, Akt pan, CREB, ERK1, ERK2, GSK-3 α / β , GSK-3 β , HSP27, JNK1, JNK2, JNK3, JNK pan, MKK3, MKK6, MSK2, p38 α , p38 β , p38 δ , p38 γ , p53, p70 S6 kinase, RSK1, RSK2, TOR	
ARY003B	Human Phospho-Kinase Array Kit
Akt (S473) , Akt (T308), AMPK α 1 (T183), AMPK α 2 (T172), β -Catenin, Chk-2 (T68), c-Jun (S63), CREB (S133), EGF R (Y1068), eNOS (S1177), ERK1/2 (T202/Y204, T185/Y187), FAK (Y397), Fgr (Y412), Fyn (Y420), GSK-3 α / β (S21/S9), Hck (Y411), HSP27 (S78/S82), HSP60, JNK pan (T183/Y185, T221/Y223), Lck (Y394), Lyn (Y397), MSK1/2 (S376/S360), p27 (T198), p38 α (T180/Y182), p53 (S15), p53 (S392), p53 (S46), p70 S6 Kinase (T421/S424), PDGF R β (Y751), PLC γ -1 (Y783), PRAS40 (T246), Pyk2 (Y402), RSK1/2/3 (S380), Src (Y419), STAT2 (Y689), STAT3 (S727), STAT3 (Y705), STAT5a (Y699), STAT5a/b (Y699), STAT5b (Y699), STAT6 (Y641), TOR (S2448), WNK-1 (T60), Yes (Y426)	
ARY007	Human Angiogenesis Array Kit
Activin A, ADAMTS-1, Angiogenin, Angiopoietin-1, Angiopoietin-2, Angiostatin/Plasminogen, Amphiregulin, Artemin, Tissue Factor, CXCL16, DPPIV/CD26, EGF, EG-VEGF, Endoglin/CD105, Endostatin/Collagen XVIII, Endothelin-1, FGF acidic, FGF basic, FGF-4, FGF-7/KGF, GDNF, GM-CSF, HBEGF, HGF, IGFBP-1, IGFBP-2, IGFBP-3, IL-1 β , CXCL8/IL-8, LAP (TGF- β 1), Leptin, CCL2/MCP-1, CCL3/MIP-1 alpha, MMP-8, MMP-9, NRG1- β 1, Pentraxin3, PD-ECGF, PDGF-AA, PDGF-AB/BB, Persephin, CXCL4/PF4, P/GF, Prolactin, Serpin B5/Maspin, Serpin E1/PAI-1, Serpin F1/PEDF, TIMP-1, TIMP-4, Thrombospondin-1, Thrombospondin-2, uPA, Vasohibin, VEGF, VEGF-C	

Luminex Assay

Human Angiogenesis panel
Angiogenin, Angiopoietin-1, Angiopoietin-2, BMP-9, EGF, Endothelin-1, FGF-1, FGF-basic, Follistatin, HB-EGF, HGF, IL-8, Leptin, PLGF, VEGF-A, VEGF-C, VEGF-D
Human Metastasis panel
DKK1, GKF15, Osteonectin (SPARC), Periostin, YKL40
Human cancer biomarker panel
AFP, Antithrombin III, CA125, CA15-3, FGF-basic, FAP, HGF, IGFBP3, IL-6, IL-8, Leptin, MIF, MPO, Osteopontin, PSA(total), SCF, SHBG, TNF- α , VEGF, sFas, sFasL
Human MMP panel
MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-12, MMP-13, EMMPRIN
Human TIMP panel
TIMP-1, TIMP-2, TIMP-3, TIMP-4
Human TGF-β panel
TGF- β 1, TGF- β 2, TGF- β 3
Human Adhesion panel
sICAM-1, sE-Selectin, sP-Selectin, sVCAM-1



"Ready to Use" ELISA

Angiogenesis

Quantikine ELISA

Cat. No.	Description	Plate
DANG20	Angiopoietin-2	1 /6 /50
DEG00	EGF	1 /6 /50
DNDG00	Endoglin	1 /6 /50
DET100	Endothelin-1	1 /6 /50
DFA00B	FGF-1/FGF-acidic	1 /6 /50
DFB50	FGF-2/FGF-basic	1 /6 /50
DFN00	Follistatin	1 /6 /50
DHG00	HGF	1 /6 /50
D8000C	IL-8	1 /6 /50
DLP00	Leptin	1 /6 /50
DPG00	PLGF	1 /6 /50
DVE00	VEGF-A	1 /6 /50
DVEC00	VEGF-C	1 /6 /50
DVED00	VEGF-D	1 /6 /50

Cell-Based ELISA

Cat. No.	Description	Plate
KCB2316	Phospho-PDGF R beta (Y1021)	1
KCB1767	Phospho-PDGF R beta (Y751)	1
KCB1095	Phospho-EGF R/ErbB1 (Y1068)	1
KCB4438	Phospho-ErbB/Her2 (Y1196)	1
KCB1097	Phospho-EGF R/ErbB1 (Y1070)	1
KCB1935	Total HIF-1 alpha	1
KCB2480	Phospho-HGF R/c-MET	1
KCB2894	Phospho-STAT1 (Y701)	1
KCB2890	Phospho-STAT2 (Y689)	1
KCB4607	Phospho-STAT3 (Y705)	1
KCB4190	Phospho-STAT5a/b (Y694/Y699)	1
KCB2720	Phospho-Tie-2 (Y992)	1

Metastasis

Quantikine ELISA

Cat. No.	Description	Plate
DKK100	DKK1	1
DGD150	GDF15	1
DENL20	NSE	1
DSP00	Osteonectin (SPARC)	1
DY805	Osteoprotegerin	1
DY3548	Periostin	1
DY1090	TWEAK	1
DC3L10	YKL40	1

Cell-Based ELISA

Cat. No.	Description	Plate
KCB4890	Phospho-IkB-alpha (S32/S36)	1
KCB1018	Phospho-ERK1 (T202/Y204)/ ERK2 (T185/Y187)	1
KCB7226	Phospho-RelA/NFκB p65	1

Circulating biomarker

Quantikine ELISA

Cat. No.	Description	Plate
DAFP00	AFP Quantikine ELISA	1
DCA125	CA125	1
DFB50	FGF-2/FGF-basic	1 /6 /50
DGAL30	Galectin 3	1
DHE400	HE4	1
DHG00	HGF	1 /6 /50
DGB300	IGFBP3	1 /6 /50
D6050	IL-6	1 /6 /50
D8000C	IL-8	1 /6 /50
DLP00	Leptin	1 /6 /50
DMF00B	MIF	1 /6 /50
DMIA00	MIA	1
DMYE00B	MPO	1 /6 /50
DMYE00B	MPO	1 /6 /50
DOST00	Osteopontin	1 /6 /50
DKK300	PSA (total)	1
DPRL00	Prolactin	1
DCK00	SCF	1
DSHBG0	SHBG	1
DTGA00	TGFα	1
DTA00	TNFα	1 /6 /50
DTRL00	TRAIL	1
DVE00	VEGF	1 /6 /50
DVDBP0	Vitamin D binding protein	1
DFS00	sFas	1
DFL00	sFasL	1

Apoptosis

Cell-Based ELISA

Cat. No.	Description	Plate
KCB887	Phospho-Akt (S473) Pan specific	1
KCB8871	Phospho-Akt (T308) Pan specific	1
KCB7517	Phospho-Bad (S112)	1
KCB705	Cleaved Caspase-8 (Asp391)	1
KCB7499	Phospho-c-Jun (S63)	1
KCB2288	Phospho-Histone H2AX (S139)	1
KCB3776	Total HO-1/MMOX1	1
KCB869	Phospho-p38 MAP Kinase	1
KCB7226	Phospho-RelA/NFκB p65	1
KCB3226	Phospho-Smad3 /Smad2	1
KCB7660	Phospho-Smad1 /Smad5	1
KCB8963	Phospho-p70 S6 Kinase	1