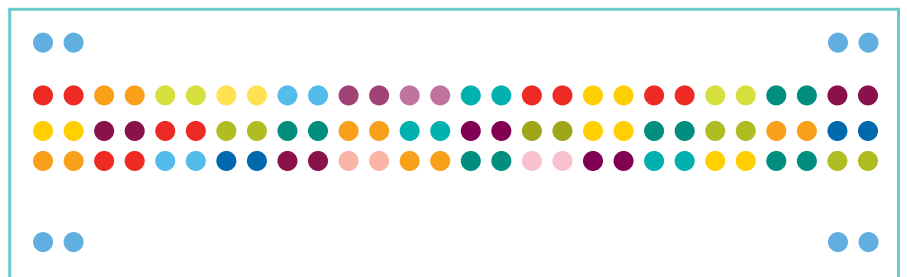


Proteome Profiler™

Antibody Arrays



☎ 02-881-5432

☎ 02-881-5454

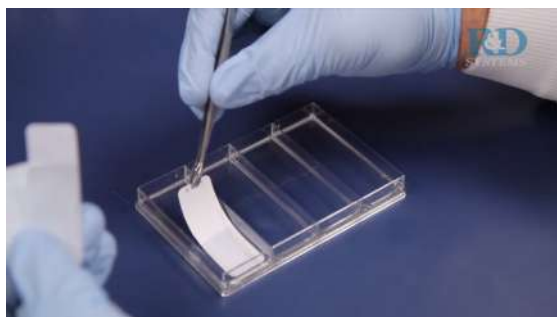
✉ techserv@woongbee.com

📍 서울특별시 송파구 송파대로 201
테라타워2 A동 1113호



Antibody Array, 이럴 때 사용해 보세요!

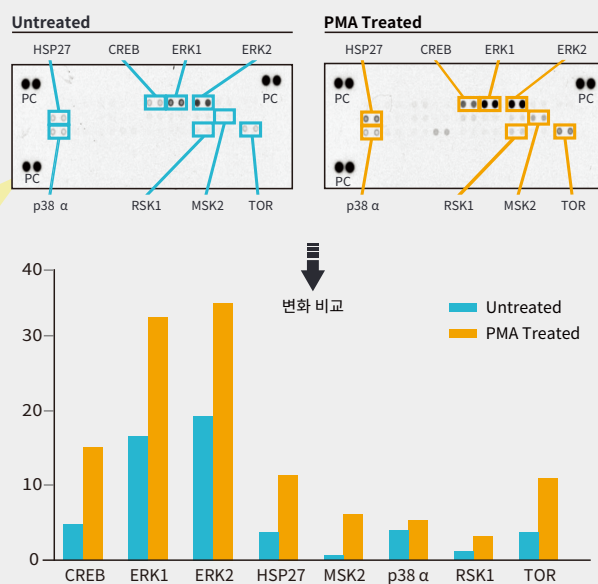
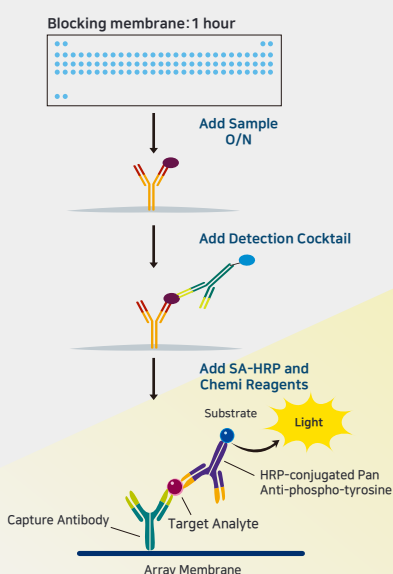
- 어떤 pathway가 activation 될까?
- 어떤 target protein을 정할까?
- 어떤 cytokine이 분비될까?
- Drug treatment 효과는?
- Pathway 간 crosstalk이 존재할까?



R&D Antibody Array 만의 특징

- **웅비 Assay Service** 
→ R&D kit 전용 Software
- Sample 50 uL로 동시 111개 analytes 확인 가능
- Antibody Array의 reference 중 91%가 R&D 제품
- 동시분석에 최적화된 antibody 사용
- Western Blot 장비만으로 결과 도출

실험 과정 & 결과



Drug treat에 따른 비교 실험 - phospho-MAPK Array

Human						
Related research	Description	# of Analyte	Cat #	Description	# of Analyte	Cat #
Cancer	Phospho-RTK	49	ARY001B	NFkB Pathway	45	ARY029
	Phospho-Kinase	39	ARY003C	Angiogenesis	55	ARY007
	XL Oncology	84	ARY026			
Inflammation	Cytokine	36	ARY005B	XL Cytokine	105	ARY022B
	Chemokine	31	ARY017	Phospho-Immuno R	59	ARY004B
Stem cell	Pluripotent SC	15	ARY010			
Diabete/Obesity	Adipokine	58	ARY024			
기타	Cell Stress	26	ARY018	Apoptosis	35	ARY009
	Protease Inhibitor	32	ARY023	Protease	35	ARY021B
	Ubiquitin	49	ARY027	Protease/Inhibitor	67(35/32)	ARY025
	Non-hematopoietic sR	119(62/57)	ARY012			

Mouse						
Related research	Description	# of Analyte	Cat #	Description	# of Analyte	Cat #
Cancer	Phospho-RTK	39	ARY014	Angiogenesis	53	ARY015
Inflammation	Cytokine	40	ARY006	XL Cytokine	111	ARY028
	Chemokine	25	ARY020	Apoptosis	21	ARY031
Diabete/Obesity	Adipokine	38	ARY013			

Rat						
Related research	Description	# of Analyte	Cat #	Description	# of Analyte	Cat #
Inflammation	Cytokine	29	ARY008	XL Cytokine	79	ARY030
Diabete/Obesity	Adipokine	30	ARY016			

R&D Antibody Array 제품 보러가기



Human

Cancer

Human Phospho-RTK Array Kit (49 analyte, ARY001B)

ALK/CD246	Axl	DDR1	DDR2	Dtk	EGF R	EphA1	EphA2	EphA3
EphA4	EphA5	EphA6	EphA7	EphA10	EphB1	EphB2	EphB3	HGF R/c-MET
IGF-I R	Insulin R/CD220	M-CSF R	EphB4	EphB6	ErbB2	ErbB3	ErbB4	FGF R1
FGF R2 α	FGF R3	FGF R4	Flt-3/Flk-2	Mer	MSP R/Ron	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/Flt-1	VEGF R2/KDR	VEGF R3/Flt-4					

Human Phospho-Kinase Array Kit (39 analytes, ARY003C)

Akt 1/2/3 (T308)	Akt 1/2/3 (S473)	CREB (S133)	EGF R (Y1068)	eNOS (S1177)	ERK1/2 (T202/Y204,	Chk-2 (T68)	c-Jun (S63)	Fgr (Y412)
GSK-3 α /B (S21/S9)	GSK-3 β (S9)	HSP27 (S78/S82)	p53 (S15)	p53 (S46)	p53 (S392)	JNK 1/2/3 (T183/Y185,	Lck (Y394)	Lyn (Y397)
MSK1/2 (S376/S360)	p70 S6 Kinase (T389)	p70 S6 Kinase (T421/S424)	PRAS40 (T246)	p38 α (T180/Y182)	PDGF R β (Y751)	PLC- γ 1 (Y783)	Src (Y419)	PYK2 (Y402)
RSK1/2 (S221/S227)	RSK1/2/3 (S380/S386/S377)	STAT2 (Y689)	STAT5a/b (Y694/Y699)	WNK1 (T60)	Yes (Y426)	STAT1 (Y701)	STAT3 (Y705)	STAT3 (S727)
β -Catenin	STAT6 (Y641)	HSP60						

Human NF κ B Pathway Array Kit (45 analytes, ARY029)

ASC	BCL10	CARD6	CD40/TNFRSF5	cIAP1/BIRC2	cIAP2/BIRC3	FADD/MORT1	I κ B α	I κ B ϵ
IKK1/IKK α /CHUK	IKK2/IKK β	IKK γ /NEMO	IL-1 RI	IL-17 RA	IL-18 R α	IRAK1	IRF5	IRF8
JNK1/2	JNK2	LTBR/TNFRSF3	Metadherin/AEG-1	MYD88	NF κ 1	NF κ 2	p53	p53 (pS46)
RelA/p65	c-Rel	SHARPIN	SOCs6	STAT1p91	STAT1 (pY701)	STAT2	STAT2 (pY689)	STING/TMEM173
TLR2	TRAF2	TRAIL R1/DR4	TRAIL R2/DR5	Fas/TNFRSF6/CD95	RelA/p65 (pS529)	TNF RI/ TNFRSF1A	TNF RII/ TNFRSF1B	NGF R/ TNFRSF16

Human XL Oncology Array Kit (84 analytes, ARY026)

AFP	Amphiregulin	Angiopoietin-1	ANGPTL4	AXL	BCL-X	CA125/MUC-16	E-Cadherin	VE-Cadherin
CAP-G	CA-9	Cathepsin B	Cathepsin D	Cathepsin S	CEACAM-5	Decorin	DKK-1	DLL-1
EGF R/ErbB1	Endoglin/CD105	Endostatin	Enolase 2	eNOS	EpCAM	ER- α	ErbB2	ErbB3
ErbB4	FGF basic	FoxC2	FKHR	Galectin-3	GM-CSF	HCG	HGF R/c-Met	HIF-1 α
HNF-3 β	HO-1/HMOX1	ICAM-1/CD54	CD25/IL-2 R α	IL-6	CXCL8/IL-8	IL-18 Bpa	KLK-3/PSA	KLK-5
KLK-6	Leptin (OB)	Lumican	CCL2/MCP-1	CCL8/MCP-2	CCL7/MCP-3	M-CSF	Mesothelin	CCL3/MIP-1 α
CCL20/MIP-3 α	MMP-2	MMP-3	MMP-9	MSP/MST1	MUC-1	Nectin-4	Osteopontin	p27/Kip1
p53	PDGF-AA	CD31/PECAM-1	Progesterone R	Progranulin	Prolactin	Prostasin	E-Selectin	Maspin
PAI-1/Serpin E1	SNAIL	SPARC	Survivin	Tenascin-C	THBS-1	TIE-2	UPA-1	VCAM-1
VEGF	Vimentin	ENPP-2/ Autotaxin						

Human Angiogenesis Array Kit (55analytes, ARY007)

Activin A	ADAMTS-1	Angiogenin	Angiopoietin-1	Angiopoietin-2	Amphiregulin	Artemin	CXCL16	DPPIV/CD26
EGF	EG-VEGF	Endoglin/CD105	Endothelin-1	FGF acidic	FGF basic	FGF-4	FGF-7/KGF	GDNF
GM-CSF	HB-EGF	HGF	IGFBP-1	IGFBP-2	IGFBP-3	IL-1 β	CXCL8/IL-8	LAP (TGF- β 1)
Leptin	CCL2/MCP-1	CCL3/MIP-1 α	MMP-8	MMP-9	NRG1- β 1	Pentraxin 3	PD-ECGF	PDGF-AA
Persephin	CXCL4/PF4	PIGF	Prolactin	Serpin E1/PAI-1	Serpin F1/PEDF	TIMP-1	TIMP-4	Thrombospondin-1
Thrombospondin-2	uPA	Vasohibin	VEGF	VEGF-C	Angiostatin/ Plasminogen	Tissue Factor/ Factor III	Endostatin/Collage n XVIII	PDGF-AB/ PDGF-BB
Serpin B5/ Maspin								

Human

Inflammation

Human Cytokine Array Kit (36 analytes, ARY005B)

C5a	CD40 Ligand	G-CSF	GM-CSF	CXCL1/GRO α	CCL1/I-309	ICAM-1	IFN- γ	IL-1 α
IL-1 β	IL-1ra	IL-2	IL-27	IL-32 α	CXCL10/IP-10	CXCL11/I-TAC	CCL2/MCP-1	MIF
MIP-1 α /MIP-1 β	CCL5/RANTES	CXCL12/SDF-1	Serpin E1/PAI-1	TNF- α	TREM-1	IL-4	IL-5	IL-6
IL-8	IL-10	IL-12 p70	IL-13	IL-16	IL-17	IL-17E	IL-18	IL-21

Human XL Cytokine Array Kit (105 analytes, ARY022B)

Adiponectin	Angiogenin	Angiopoietin-1	Angiopoietin-2	BDNF	CD14	CD30	CD40 ligand	Cripto-1
Cystatin C	Dkk-1	DPPIV/CD26	EGF	CXCL5/ENA-78	Endoglin/CD105	EMMPRIN	Fas Ligand	FGF basic
KGF/FGF-7	FGF-19	Flt-3 Ligand	G-CSF	GDF-15	GM-CSF	CXCL1/GRO α	HGF	ICAM-1/CD54
IFN- γ	IGFBP-2	IGFBP-3	IL-1 α /IL-1F1	IL-1 β /IL-1F2	IL-1ra/IL-1F3	IL-2	IL-3	IL-4
IL-5	IL-6	IL-8	IL-10	IL-11	IL-12 p70	IL-13	IL-15	IL-16
IL-17A	IL-18 BP α	IL-19	IL-22	IL-23	IL-24	IL-27	IL-31	IL-32 α / β / γ
IL-33	IL-34	CXCL10/IP-10	CXCL11/I-TAC	Kallikrein 3/PSA	Leptin	LIF	CCL2/MCP-1	CCL7/MCP-3
M-CSF	MIF	CXCL9/MIG	CCL20/MIP-3 α	CCL19/MIP-3 β	MMP-9	Myeloperoxidase	PDGF-AA	PDGF-AB/BB
Pentraxin-3	CXCL4/PF4	RAGE	CCL5/RANTES	RBP4	Relaxin-2	Resistin	Serpin E1/PAI-1	SHBG
ST2/IL-1 R4	CCL17/TARC	TFF3	TfR	TGF- α	Thrombospondin-1	TNF- α	uPAR	VEGF
Vitamin D BP	Apolipoprotein A1	BAFF/TNFSF13B	Chitinase 3-like 1	CXCL12/ SDF-1 α	Osteopontin (OPN)	CRP	Growth Hormone	Lipocalin-2/ NGAL
CCL3/CCL4 MIP-1 α / β	Complement Factor D	Complement Component	CD31/PECAM-1	TIM-1	VCAM-1			

Human Chemokine Array Kit (31 analytes, ARY017)

CCL1/I-309	CCL2/MCP-1	CCL3/CCL4 (MIP-1 α /MIP-1 β)	CCL5/RANTES	CCL7/MCP-3	CCL14/HCC-1/ HCC-3	CCL15/MIP-1 δ / LKN-1	CCL17/TARC	CCL18/PARC
CCL19/ MIP-3 β	CCL20/ MIP-3 α	CCL21/6Ckine	CCL22/MDC	CCL26/ Eotaxin-3	CCL28	Chemerin	CXCL1/GRO α	CXCL4/PF4
CXCL5/ENA-78	CXCL7/NAP-2	CXCL8/IL-8	CXCL9/MIG	CXCL10/IP-10	CXCL11/I-TAC	CXCL12/SDF-1	CXCL16	CXCL17/VCC-1
CX3CL1	IL-16	Midkine	XCL1/Lymphotactin					

Human Phospho-Immunoreceptor Array Kit (59 analytes, ARY004B)

2B4/SLAMF4	BLAME/SLAMF8	BTLA	CD3 epsilon	CD5	CD6	CD28	CD84/SLAMF5	CD229/SLAMF3
CEACAM-1	CLEC-1	CLEC-2	CTLA-4/CD152	DCIR/CLEC4A	DNAM-1	Fc γ RIIA	Fc γ RIIIA/B	FcRH1/IRTA5
FcRH2/IRTA4	FcRH4/IRTA1	FcRH5/IRTA2	ILT2/CD85j	ILT3/CD85k	ILT4/CD85d	ILT5/CD85a	ILT6/CD85e	KIR2DL4
LAIR-1	LAIR-2	LMIR1/CD300A	LMIR2/CD300C	LMIR3/CD300LF	LMIR6/CD300LE	MDL-1/CLEC5A	NKp30/NCR3	NKp44/NCR2
NKp46/NCR1	NKp80/KLRF1	NTB-A/SLAMF6	PD-1	PECAM/CD31	SHIP-1	SHP-1	SHP-2	Siglec-2/CD22
Siglec-3/CD33	Siglec-5	Siglec-7	Siglec-9	Siglec-10	SIRP- β 1	SLAM/CD150	TREM-1	TREM-2
TREML1/TLT-1	CRACC/SLAMF7	Dectin-1/ CLEC7A	Fc epsilon RII/D23	Integrin β 3/ CD61				

Human

Stem cell

Human Pluripotent Stem Cell Array Kit (15 analytes, ARY010)

E-Cadherin	GATA-4	Goosecoid(GSC)	HCG	HNF-3β/FoxA2	Nanog	Oct-3/4	Otx2	PDX-1/IPF1
Snail	SOX2	SOX17	TP63/TP73L	VEGF R2/KDR	α-Fetoprotein (AFP)			

Diabete/ Obesity

Human Adipokine Array Kit (58 analytes, ARY024)

Adiponectin	Angiopoietin-1	Angiopoietin-2	Angiopoietin-like 2	Angiopoietin-like 3	BAFF/BLyS	BMP-4	Cathepsin D	Cathepsin L
Cathepsin S	CCL2/MCP-1	CCL5/RANTES	Chemerin	Complement Factor D	CRP	CXCL8/IL-8	DPPIV/CD26	Endocan
EN-RAGE	Fetuin B	FGF basic	FGF-19	Fibrinogen	Growth Hormone	HGF	ICAM-I	IGFBP-2
IGFBP-3	IGFBP-4	IGFBP-6	IGFBP-rp1/IGFBP-7	IL-1 β	IL-6	IL-10	IL-11	LAP (TGF-β1)
Leptin	LIF	Lipocalin-2/ NGAL	M-CSF	MIF	Myeloperoxidase	Nidogen-1/Entactin	Oncostatin M	PBEF/Visfatin
PCSK9	Pappalysin-1/ PAPP-A	Pentraxin-3	Pref-1/DLK-1/ FAI	RAGE	Resistin	Serpin A12	Serpin A8/AGT	Serpin E1/PAI-1
TIMP-1	TIMP-3	TNF-α	VEGF					

기타

Human Apoptosis Array Kit (35 analytes, ARY009)

Bad	Bax	Bcl-2	Bcl-x	Pro-Caspase-3	Catalase	ciAP-1	ciAP-2	Claspain
Clusterin	Cytochrome c	TRAIL R1/DR4	TRAIL R2/DR5	FADD	Fas/TNFSF6	HIF-1 α	HO-2/HMOX2	HSP27
HSP60	HSP70	HTRA2/Omi	Livin	PON2	p27/Kip1	SMAC/Diablo	Survivin	XIAP
Cleaved Caspase-3	HO-1/ HMOX1/ HSP32	p21/CIP1/ CDNK1A	Phospho-p53 (S15)	Phospho-p53 (S46)	Phospho-p53 (S392)	Phospho-Rad17 (S635)	TNF RI/ TNFRSF1A	

Human

기타

Human Cell Stress Array Kit (26 analytes, ARY018)

ADAMTS1	Bcl-2	Cited-2	COX-2	Cytochrome c	Dkk-4	FABP1/L-FABP	HIF-1 α	HIF-2 α
HSP60	HSP70	IDO	NF κ B1	p21/CIP1	p27/Kip1	PON1	PON2	PON3
SIRT2	SOD2	Thioredoxin-1	Carbonic Anhydrase IX	Phospho-HSP27 (S78/S82)	Phospho-JNK Pan(T183/Y185)	Phospho-p38 α (T180/Y182)	Phospho-p53 (S46)	

Human Protease Array Kit (35 analytes, ARY021B)

ADAM8	ADAM9	ADAMTS1	ADAMTS13	Cathepsin A	Cathepsin B	Cathepsin D	Cathepsin E	Cathepsin L
Cathepsin S	Cathepsin V	Cathepsin X/Z/P	DPPIV/CD26	Kallikrein 3/PSA	Kallikrein 5	Kallikrein 6	Kallikrein 7	Kallikrein 10
Kallikrein 11	Kallikrein 13	MMP-1	MMP-2	MMP-3	MMP-7	MMP-8	MMP-9	MMP-10
MMP-12	MMP-13	Neprilysin/CD10	Presenilin-1	Cathepsin C/DPPI	PCSK9	Proteinase 3	uPA/Urokinase	

Human Protease Inhibitor Array Kit (32 analytes, ARY023)

APP	Cystatin A	Cystatin B	Cystatin C	Cystatin E/M	EMMPRIN	Fetuin B	HAI-1	HAI-2
HE4/WFDC2	Latexin	Lipocalin-1	RECK	Serpin A5	Serpin A8/AGT	Serpin A12	Serpin B6	Serpin B8
Serpin E1/PAI-1	Serpin F1/PEDF	TFPI	TFPI-2	TIMP-1	TIMP-2	TIMP-3	TIMP-4	Trappin-2/Elafin
Lipocalin-2/ NGAL	Serpin A9/ Centerin	Serpin B5/ Maspin	Testican 1/ SPOCK1	Testican 2/ SPOCK2				

Human Protease (35 analytes) / Protease Inhibitor (32 analytes) Array Kit (ARY025)

Protease								
ADAM8	ADAM9	ADAMTS1	ADAMTS13	Cathepsin A	Cathepsin B	Cathepsin D	Cathepsin E	Cathepsin L
Cathepsin S	Cathepsin V	Cathepsin X/Z/P	DPPIV/CD26	Kallikrein 3/PSA	Kallikrein 5	Kallikrein 6	Kallikrein 7	Kallikrein 10
Kallikrein 11	Kallikrein 13	MMP-1	MMP-2	MMP-3	MMP-7	MMP-8	MMP-9	MMP-12
MMP-13	Neprilysin/CD10	Presenilin-1	PCSK9	Proteinase 3	uPA/Urokinase	Cathepsin C/ DPPI	MMP-10	
Protease Inhibitor								
APP	Cystatin A	Cystatin B	Cystatin C	Cystatin E/M	EMMPRIN	Fetuin B	HAI-1	HAI-2
HE4/WFDC2	Latexin	Lipocalin-1	RECK	Serpin A5	Serpin A8/AGT	Serpin A12	Serpin B6	Serpin B8
Serpin E1/PAI-1	Serpin F1/PEDF	TFPI	TFPI-2	TIMP-1	TIMP-2	TIMP-3	TIMP-4	Trappin-2/Elafin
Lipocalin-2/ NGAL	Serpin A9/ Centerin	Serpin B5/ Maspin	Testican 1/ SPOCK1	Testican 2/ SPOCK2				

Human

기타

Human sReceptor Array, Non-hematopoietic (119 analytes, ARY012)

Non-hematopoietic

ADAM15	βIG-H3	BMPR-IB/ALK-6	Cadherin-11	Cadherin-13	E-Cadherin	N-Cadherin	P-Cadherin	VE-Cadherin
Cathepsin D	CD40	CHL-1/L1CAM-2	Clusterin	CRELD2	Desmoglein 2	ECM-1	Endoglycan	EpCAM/TROP-1
ErbB2/HER2	ErbB3/HER3	ErbB4/HER4	ESAM	Galectin-2	HPRG	Integrin α 9	Jagged 1/CD339	JAM-C/JAM3
LRP-6	MCAM/CD146	MEPE	MUCDHL	Nectin-2/CD112	Nectin-4	Neurotrimin	Notch-1	NrCAM
Periostin/OSF-2	Podocalyxin	E-Selectin	Semaphorin 3A	SREC-I/SR-F1	SREC-II	Stanniocalcin 1	Syndecan-4	TIMP-4
Thrombospondin-2	TROP-2	VAP-1/AOC3	VCAM-1	VEGF R1/Flt-1	Cadherin-4	CEACAM-5/ CD66e	Thrombin	Thrombospondin-5
EGF R/ ErbB1/HER1	Integrin α 3/ CD49c	Integrin α 5/ CD49e	Integrin α 6/ CD49f	Integrin α V/CD51	JAM-B/VE-JAM/ JAM2/CD322	Syndecan-1/ CD138	VEGF R2/ KDR/Flk-1	

Common Analytes

ACE	ADAM8	ADAM9	ADAM10	ALCAM/CD166	Amphiregulin	APP (pan)	BACE-1	BCAM/CD239
C1q R1/CD93	CD9	CD31/PECAM-1	CD36/SR-B3	CD40 Ligand	CD44H	CD58/LFA-3	CD90/Thy1	CD99
CD155/PVR	CXCL8/IL-8	EMMPRIN/CD147	Endoglin/CD105	Epiregulin	Galectin-1	Galectin-3	HB-EGF	ICAM-2/CD102
IL-1 RII	IL-15 R α	Integrin β 5	Integrin β 6	JAM-A/CD321	MD-1/LY86	MMP-2 (total)	NCAM-1/CD56	Osteopontin
PAR1	RECK	Stabilin-1	TACE/ADAM17	Thrombospondin-1	TIMP-1	TIMP-2	TIMP-3	TNF RII
CD23/ Fc epsilon RII	CEACAM-1/ CD66a	CX3CL1/ Fractalkine	Galectin-3BP/MAC-2BP	Integrin β 1/ CD29	Integrin β 2/ CD18	Integrin β 3/CD61	Integrin β 4/ CD104	Lipocalin-2/ NGAL
LOX-1/SR-E1/ CLEC8A	NCAM-L1/ CD171	Pref-1/DLK-1/ FA1						

Human Ubiquitin Array Kit (49 analytes, ARY027)

A20/TNFAIP3	ATF4	β-TrCP1/BTRC	Bcl-2	Caspase-8	CBL	CD44	ciAP-1/HIAP-2	ciAP-2/HIAP-1
COX-2/PTGS2	EGF R	ER-α/NR3A1	ErbB2	ErbB3	ErbB4	FASN	FBXW7/Cdc4	FGF R2
HGF R/c-met	HIF-1 α	HSP70	I kappaB α	I kappa B ε	IGF-I R	IKK γ/NEMO	Insulin R	IRAK1
IRF3	IRS1	M-CSF R	MSP R/Ron	NIK/MAP3K14	Nrf2/NFE2L2	p53	PDGF R α	PDGF R β
RIP1	SCF R/c-Kit	TfR	TRAF-2	TRAF-3	TRAF-6	Trk A	TNF R1/TNFRSF1A	VEGF R3/Flt-4
Cyclin D1/ CCND1	F-box protein 15/FBXO15	HSP90AA1/ HSP90a	p21CDKN1A/ Cip1					

Mouse

Cancer

Mouse Phospho-RTK Array Kit (39 analytes, ARY014)

EGF R	ErbB2	ErbB3	ErbB4	FGF R2 (IIIc)	FGF R3	FGF R4	Insulin R	IGF-1 R
Axl	DtK	Mer	HGF R	MSP R	PDGF R α	PDGF R β	SCF R	Flt-3
M-CSF R	c-Ret	Tie-1	Tie-2	TrkA	TrkB	TrkC	VEGF R1	VEGF R2
VEGF R3	MuSK	EphA1	EphA2	EphA3	EphA6	EphA7	EphA8	EphB1
EphB2	EphB4	EphB6						

Mouse Angiogenesis Array Kit (53 analytes, ARY015)

ADAMTS1	Amphiregulin	Angiogenin	Angiopoietin-1	Angiopoietin-3	CCL2/JE/MCP-1	CCL3/MIP-1 α	CXCL1/KC	CXCL12/SDF-1
CXCL16	CXCL4/PF4	DLL4	DPPIV/CD26	EGF	Endoglin/CD105	Endothelin-1	FGF acidic	FGF basic
FGF-7/KGF	Fractalkine	GM-CSF	HB-EGF	HGF	IGFBP-1	IGFBP-2	IGFBP-3	IL-1 α
IL-1 β	IL-10	Leptin	MMP-8 (pro)	Osteopontin	PD-ECGF	PDGF-AA	PDGF-AB/BB	Pentraxin-3
PLGF-2	Prolactin	Proliferin	Serpin E1/PAI-1	Serpin F1/PEDF	Thrombospondin-2	TIMP-1	TIMP-4	VEGF
VEGF-B	CXCL10/IP-10/ CRG-2	Cyr61/CNN1/ IGFBP-10	Endostatin/ Collagen XVIII	MMP-3 (pro and mature)	MMP-9 (pro and active)	NOV/CCN3/ IGFBP-9	Coagulation Factor III	

Inflammation

Mouse Cytokine Array Kit (40 analytes, ARY006)

C5a	G-CSF	GM-CSF	CCL1/I-309	CCL11/Eotaxin	ICAM-1	IFN- γ	IL-1 α	IL-1 β
IL-1ra	IL-2	IL-3	IL-4	IL-5	IL-6	IL-7	IL-10	IL-12 p70
IL-13	IL-16	IL-17	IL-23	IL-27	CXCL10/IP-10	CXCL1/KC	M-CSF	CCL2/JE/MCP-1
CCL12/MCP-5	CXCL9/MIG	CCL3/MIP-1 α	CCL4/MIP-1 β	CXCL2/MIP-2	CCL5/RANTES	CXCL12/SDF-1	CCL17/TARC	TIMP-1
TNF- α	TREM-1	CXCL13/BLC/BCA- 1	CXCL11/I-TAC					

Mouse XL Cytokine Array Kit (111 analytes, ARY028)

Amphiregulin	Angiopoietin-1	Angiopoietin-2	C1q R1/CD93	CCL2/JE/MCP-1	CCL5/RANTES	CCL6/C10	CCL11/Eotaxin	CCL12/MCP-5
CCL17/TARC	CCL19/MIP-3 β	CCL20/MIP-3 α	CCL21/6Ckine	CCL22/MDC	CD14	CD40/TNFRSF5	CD160	Chemerin
CXCL1/KC	CXCL2/MIP-2	CXCL9/MIG	CXCL10/IP-10	CXCL11/I-TAC	CXCL16	Cystatin C	Dkk-1	DPPIV/CD26
EGF	Endoglin/CD105	Endostatin	Fetuin A/AHSG	FGF acidic	FGF-21	Flt-3 Ligand	Gas6	G-CSF
GDF-15	GM-CSF	HGF	ICAM-1/CD54	IFN- γ	IGFBP-1	IGFBP-2	IGFBP-3	IGFBP-5
IGFBP-6	IL-1 α /IL1F1	IL-1 β /IL-1F2	IL-1ra/IL-1F3	IL-2	IL-3	IL-4	IL-5	IL-6
IL-7	IL-10	IL-11	IL-12p40	IL-13	IL-15	IL-17A	IL-22	IL-23
IL-27	IL-28	IL-33	LDL R	Leptin	LIF	LIX	M-CSF	MMP-2
MMP-3	MMP-9	Myeloperoxidase	PDGF-BB	Pentraxin 2/SAP	Periostin/OSF-2	Proliferin	RAGE	RBP4
Reg3G	Resistin	Serpin E1/PAI-1	Serpin F1/PEDF	Thrombopoietin	TNF- α	VCAM-1/CD106	VEGF	WISP-1/CCN4
Adiponectin/ Acrp30	Angiopoietin-like 3	BAFF/BLyS/TNFSF 13B	CCL3/CCL4 MIP-1 α / β	Chitinase 3-like 1	Complement Factor D	C-Reactive Protein/CRP	CX3CL1/ Fractalkine	CXCL13/BLC/ BCA-1
Lipocalin-2/NGAL	Osteopontin (OPN)	Osteoprotegerin	Pentraxin 3/TSG-14	Pref-1/DLK-1/FA1	E-Selectin/CD62E	P-Selectin/CD62P	TIM-1/KIM-1	PCSK9
Coagulation Factor III/Tissue Factor	Complement Component C5/C5a	PD- ECGF /Thymidine phosphorylase						

Mouse

Inflammation

Mouse Chemokine Array Kit (25 analytes, ARY020)

CCL11/Eotaxin	CCL12/MCP-5	CCL2/JE/MCP-1	CCL21/6Ckine	CCL22/MDC	CCL27/CTACK	CCL28	CCL5/RANTES	CCL6/C10
CCL8/MCP-2	CCL9/10/MIP-1 γ	Chemerin	CXCL1/KC	CXCL11/I-TAC	CXCL12/SDF-1	CXCL16	CXCL2/MIP-2	CXCL9/MIG
IL-16	LIX	CCL3/CCL4 (MIP-1 α /MIP-1 β)	Complement Component C5/C5a	CX3CL1/ Fractalkine	CXCL10/ IP-10/CRG-2	CXCL13/BLC/ BCA-1		

Mouse Apoptosis Array Kit (21 analytes, ARY031)

Bad	Bcl-2	Bcl-x	Cleaved Caspase-3	Catalase	Claspin	Cytochrome c	Fas	HIF-1 α
HO-1/HSP32	HO-2/HMOX2	HSP27	HSP60	HSP70	MCL-1	p27/Kip1	p53	SMAC/Diablo
TNF RI	TRAIL R2	XIAP						

Diabetes/ Obesity

Mouse Adipokine Array Kit (38 analytes, ARY013)

Adiponectin	AgRP	ANGPT-L3	CCL2/MCP-1/JE	CCL5/RANTES	CRP	DPPIV/CD26	Endocan	Fetuin A
FGF acidic	FGF-21	HGF	ICAM-1	IGF-I	IGF-II	IGFBP-1	IGFBP-2	IGFBP-3
IGFBP-5	IGFBP-6	IL-6	IL-10	IL-11	Leptin	LIF	Lipocalin-2/ NGAL	M-CSF
OSM	PAI-1/Serpin E1	PTX2	PTX3	Pref-1	RAGE	RBP4	Resistin	TIMP-1
TNF- α	VEGF							

Rat

Diabetes/ Obesity

Rat Adipokine Array Kit (30 analytes, ARY016)

ANGPT-L3	CCL2/MCP-1/JE	CCL5/RANTES	DPPIV/CD26	Endocan	FGF-21	HGF	ICAM-1	IGF-I
IGF-II	IGFBP-1	IGFBP-2	IGFBP-3	IGFBP-5	IGFBP-6	IL-1 β	IL-6	IL-10
IL-11	Leptin	LIF	Lipocalin-2/NGAL	M-CSF	PAI-1/Serpin E1	Pref-1	RAGE	Resistin
TIMP-1	TNF- α	VEGF						

Inflammation

Rat Cytokine Array Kit (29 analytes, ARY008)

CXCL1/CINC-1	CINC-3	CNTF	GM-CSF	ICAM-1	IFN- γ	IL-1 α	IL-1 β	IL-1ra
IL-2	IL-3	IL-4	IL-6	IL-10	IL-13	IL-17	CXCL10/IP-10	LIX
L-Selectin	CXCL9/MIG	CCL3/MIP-1 α	CCL20/MIP-3 α	CCL5/RANTES	TIMP-1	TNF- α	VEGF	
CXCL3/CINC-2 α/β	CXCL7	CXC3CL1						

Rat XL Cytokine Array Kit (79 analytes, ARY030)

CCL2/JE/MCP-1	CCL3/CCL4	CCL5/RANTES	CCL11/Eotaxin	CCL17/TARC	CCL20/MIP-3 α	CCL21/6Ckine	CCL22/MDC	Clusterin
CX3CL1	CXCL2/GRO β	CXCL7	Cyr61/CCN1	Cystatin C	DPPIV/CD26	EGF	EG-VEGF	Endostatin
Fetuin A/AHSG	FGF acidic	FGF-7	FGF-21	Fibulin 3	Flt-3 Ligand	Galectin-1	G-CSF	GDF-15
GM-CSF	Hepassocin	HGF	ICAM-1/CD54	IFN-gamma	IGF-1	IGFBP-2	IGFBP-3	IGFBP-5
IGFBP-6	IL-1 α /IL1F1	IL-1 β /IL-1F2	IL-1ra/IL-1F3	IL-2	IL-3	IL-4	IL-6	IL-13
IL-17A	IL-22	Jagged 1	LIF	Lipocalin-2/NGAL	MAG/Siglec-4a	MMP-2	MMP-3	MMP-9
Neprilysin/CD10	NOV/CCN3	NT-3	NT-4	Osteopontin (OPN)	Osteoprotegerin	PDGF-BB	Pref-1	Prolactin
RAGE	RBP4	Resistin	RGM-A	SCF	Serpin E1/PAI-1	TIM-1/KIM-1	TNF- α	TWEAK
VCAM-1/CD106	VEGF	WISP-1/CCN	Adiponectin	CNTF	Galectin-3	LIX		

실험시간만 짧으면 뭐해?



분석시간도 짧아야지!

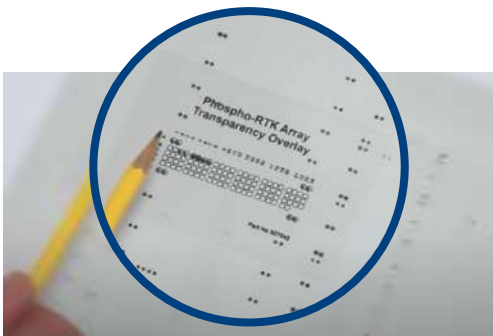
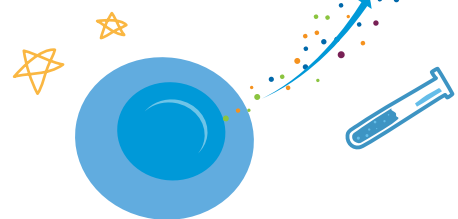
Protein Screening의 대표적인 Tool,

R&D SYSTEMS
a biotechne brand

Antibody Array

실험은 4시간, 분석은 1시간?!

Data 분석을 **2분만에!**



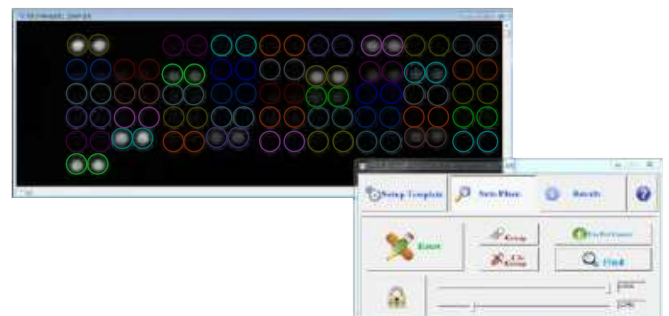
나 Software가 있는데...?

- Antibody Dot을 하나하나 지정 하신다고요?
- Analytes 이름을 일일이 입력 하시나요?



빠르고 편리한 **Quick Spots Tool**

- Kit CAT#만 선택하면 모두 자동 작업!
- 각 Antibody Dot의 범위 지정 필요 없음!
- Analytes 이름 모두 입력할 필요 없음!
- \$49.95로 90일 체험판 사용 가능!



분석서비스
가능 !!!

R&D Antibody Array 전용 Software로
분석 시간을 더욱 짧게!
정확도와 재현성 모두!



다운로드 하러가기



웅비메디텍
02.881.5432



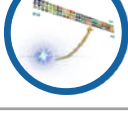
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techserv@woongbee.com

R&D SYSTEMS
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Choose the Right Assays of the Best Quality

		Format	Quantitative	Sample volume (μL)	# of analytes	Assay time (hr.)
	Quantikine ELISA	96-well plate	O	10 - 200	1	4
	Quantikine QuickKit ELISA	96-well plate	O	50	1	1.5
	DuoSet ELISA	96-well plate	O	100	1	5
	Ella (Simple Plex)	Cartridge	O	2.5 - 25	Up to 8	1.5
	Luminex	Bead	O	25 - 50	Up to 50	4
	Wes (Simple Western)	Capillary Cartridge	O	3	Up to 4	3
	Antibody array	Membrane	Relative	50 - 500	Up to 119	6

