

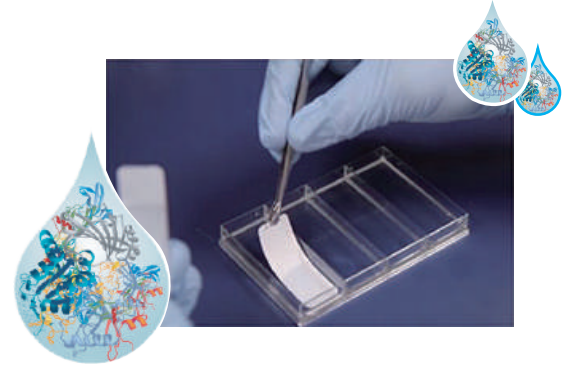
R&D Antibody Array

Angiogenesis Research

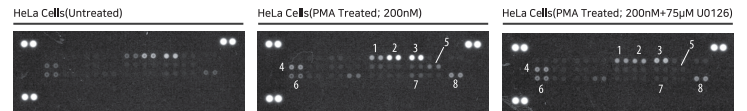
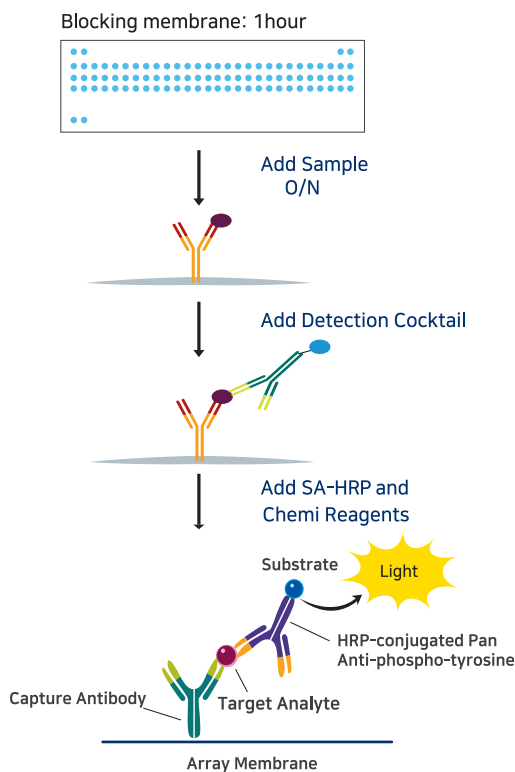
Membrane-Based Multiplex Kit

R&D antibody array만의 특징

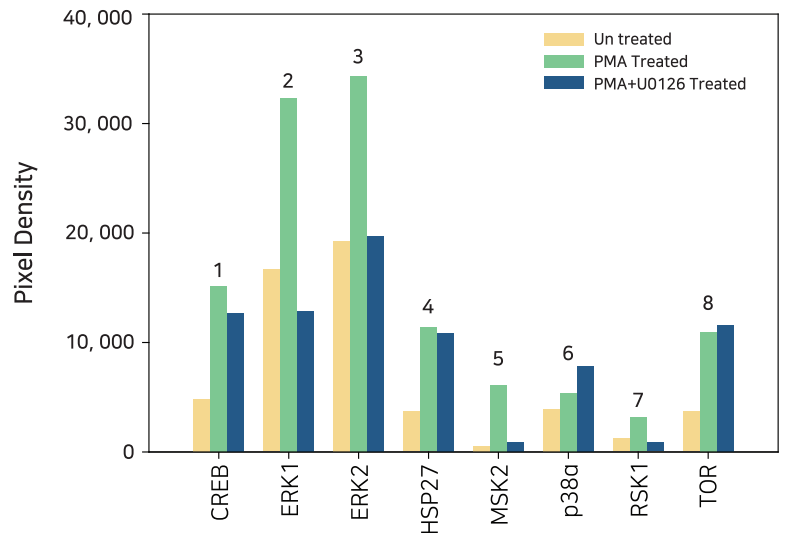
- Sample 50 μ l로 동시 111개 analytes 확인
- Antibody array의 reference중 91%가 R&D 제품
- Antibody array에 최적화 된 antibody 사용
- 다양한 Time/Dose 실험에 최적
- Western blot 장비 만으로 결과도출



실험 과정 & 결과



HeLa Cells Intreated and PMA Treated with and without MEK Inhibitor U0126



“Order information”

- Proteome Profiler Human Angiogenesis Array kit #ARY007
- Proteome Profiler Mouse Angiogenesis Array kit #ARY015

Angiogenesis Research

Angiogenesis Target Files

- Antiangiogenics
- EGFR
- Matrix Metalloproteases
- Protein Kinase G
- FGFR
- Hypoxia Inducible Factors
- VEGFR
- PDGFR

Product List

Antiangiogenics			Hypoxia Inducible Factor (HIF-1)				
	4706	Borrelidin	Antiangiogenic; inhibits threonyl-tRNA synthetase	<i>Activators</i>	4565	ML 228	HIF pathway activator
	1768	Fumagillin	Methionine aminopeptidase-2 inhibitor ; antiangiogenic	<i>Inhibitors</i>	4408	DMOG	Prolyl hydroxylase inhibitor
	1807	2-Methoxyestradiol	Apoptotic and antiangiogenic agent		4451	IOX 2	Potent, selective HIF-1 α PHD2 inhibitor
	4664	Obtustatin	Potent and selective α 1 β 1 inhibitor		4324	KC7F2	HIF-1 α inhibitor
	4744	P11	Potent antagonist of α v β 3-vitronectin interaction		2954	PX 12	Thioredoxin-1 inhibitor
	4885	R 1530	Multi-RTK inhibitor; inhibits angiogenesis		5243	TC-S 7009	High affinity and selective HIF-2 α inhibitor
	1495	Combretastatin A4	Antiangiogenic	VEGFR			
	1461	Linomide	Immunomodulator with antiangiogenic properties	<i>Inhibitors</i>	4350	Axitinib	Potent VEGFR-1, -2 and -3 inhibitor
	2710	OGT 2115	Antiangiogenic. Heparanase inhibitor		4471	DMH4	Selective VEGFR-2 inhibitor
	1098	Tranilast	Antiallergic; inhibits inflammatory mediator release from mast cells		3882	(E)-FeCP-oxindole	Selective VEGFR-2 inhibitor
					3883	(Z)-FeCP-oxindole	Selective VEGFR-2 inhibitor
					2542	Ki 8751	Potent, selective VEGFR-2 inhibitor
					1459	SU 4312	Potent inhibitor of VEGFR tyrosine kinase
					3037	SU 5416	VEGFR inhibitor
					3768	Sunitinib malate	Potent VEGFR, PDGFR β and KIT inhibitor
					3909	Toceranib	Potent PDGFR and VEGFR inhibitor
					5422	XL 184	Potent VEGFR inhibitor
				2499	ZM 306416 hydrochloride	Inhibitor of VEGF receptor tyrosine kinase	
				2475	ZM 323881 hydrochloride	Potent, selective inhibitor of VEGFR-2	
Hedgehog Signaling				Matrix Metalloproteases			
<i>Activators</i>	4366	SAG	Potent Smo receptor agonist	<i>Inhibitors</i>	2961	Batimastat	Potent, broad spectrum MMP inhibitor
<i>Inhibitors</i>	1639	AY 9944 dihydrochloride	Inhibitor of Hedgehog (Hh) signaling		3780	CP 471474	Broad spectrum MMP inhibitor
	1623	Cyclopamine	Inhibitor of Hedgehog (Hh) signaling		4090	Doxycycline hyclate	Broad-spectrum MMP inhibitor
	3889	GANT 58	GLI1 antagonist; inhibits Hedgehog (Hh) signaling		2632	CL 82198 hydrochloride	Selective inhibitor of MMP-13
	3191	GANT 61	GLI antagonist; inhibits Hedgehog (Hh) signaling		3995	GI 254023X	Selective ADAM10 metalloprotease inhibitor
	4917	M 25	Potent Smo receptor antagonist		2983	GM 6001	Broad spectrum MMP inhibitor
	5262	PF 5274857 hydrochloride	High affinity and selective Smo receptor antagonist		2631	Marimastat	Broad spectrum MMP inhibitor
	4886	RU-SKI 43 hydrochloride	Hedgehog acyltransferase (Hhat) inhibitor		2916	Ro 32-3555	Potent, collagenase-selective MMP inhibitor
	1974	SANT-1	Inhibitor of hedgehog (Hh) signaling		4187	UK 356618	Potent and selective MMP-3 inhibitor
	3617	SANT-2	Inhibitor of Hedgehog (Hh) signaling		2900	UK 370106	Highly selective MMP-3 and MMP-12 inhibitor
	1638	U 18666A	Inhibitor of Hedgehog (Hh) signaling		4188	UK 383367	Potent and selective BMP-1 (PCP) inhibitor
			2633		WAY 170523	Potent and selective inhibitor of MMP-13	
Wnt Signaling					FGFR		
<i>Inhibitors</i>	4675	CCT 031374 hydrobromide	Inhibits TCF-dependent transcription		4002	FIN 1 hydrochloride	Potent, irreversible FGFR inhibitor
	2634	DAPT	γ -secretase inhibitor		3724	PD 161570	Selective FGFR inhibitor
	3532	endo-IWR 1	Wnt/ β -catenin signaling inhibitor; axin stabilizer	3044	PD 173074	FGFR1 and -3 inhibitor	
	3947	exo-IWR 1	Negative control for endo-IWR 1 (Cat. No. 3532)	3300	SU 5402	Potent FGFR and VEGFR inhibitor	
	4344	FH 535	Inhibitor of Wnt/ β -catenin signaling				
	4505	ICG 001	Inhibits TCF/ β -catenin-mediated transcription				
	4299	iCRT 14	Inhibits β -catenin-responsive transcription (CRT)				
	3533	IWP 2	PORCN inhibitor				
	4651	JW 67	Wnt pathway inhibitor				
	3534	PNU 74654	β -catenin binder; inhibits Wnt signaling				
PDGFR							
<i>Inhibitors</i>	1222	DMPQ dihydrochloride	Potent, selective inhibitor of PDGFR β				
	3304	SU 16f	Potent and selective PDGFR β inhibitor				
	3335	SU 6668	PDGFR, VEGFR and FGFR inhibitor				