

R&D Antibody Array

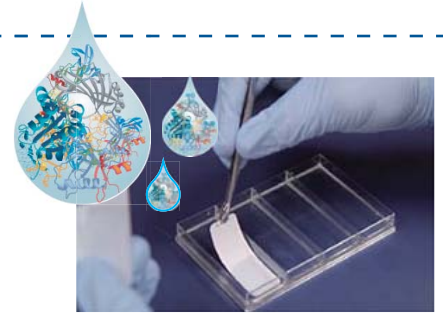
Membrane-Based Multiplex Kit

언제 필요할까요?

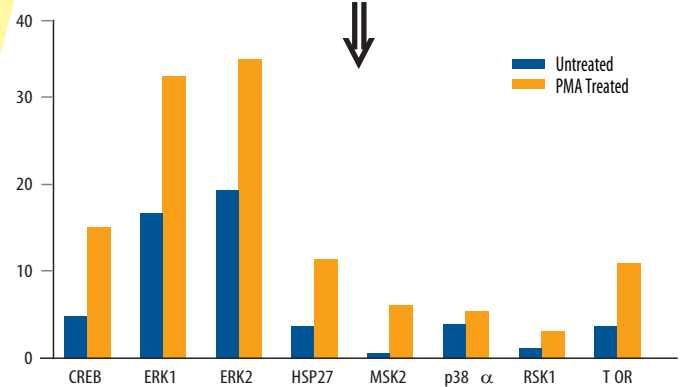
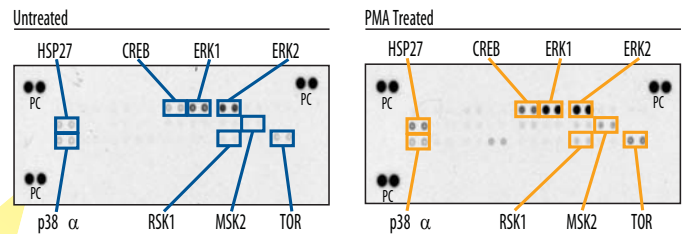
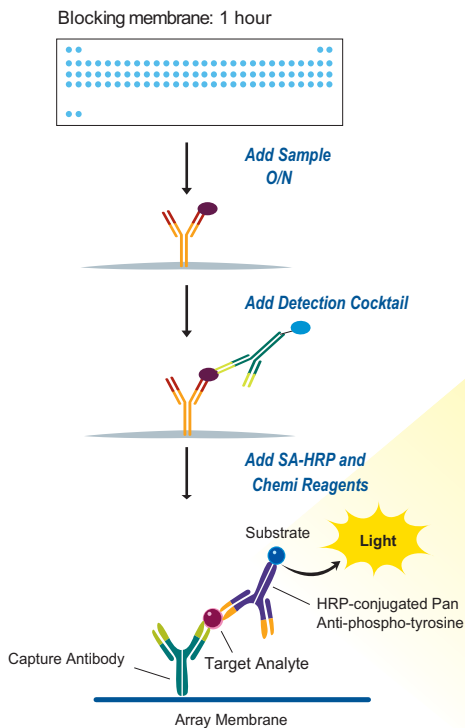
- 어떤 pathway가 activation 될까?
- 어떤 cytokine이 분비될까?
- Drug의 (Time or Dose) 효과는?
- Pathway간 crosstalk이 존재할까?

R&D antibody array만의 특징

- ✓ Sample 50µl로 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 장비만으로 결과도출



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	Phospho-MAPK	26	ARY002B
	Phospho-Kinase	43	ARY003B	NFkB Pathway	41	ARY029
	XL Oncology	84	ARY026	Angiogenesis	55	ARY007
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	Kidney Biomarker	38	ARY019	Apoptosis	35	ARY009
	Cell Stress	26	ARY018	Protease	35	ARY021B
	Protease Inhibitor	32	ARY023	Protease/Inhibitor	66(34/32)	ARY025
	Ubiquitin	49	ARY027	Hematopoietic sR	105(48/57)	ARY011
	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			
Diabete/Obesity	Adipokine	38	ARY013			

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