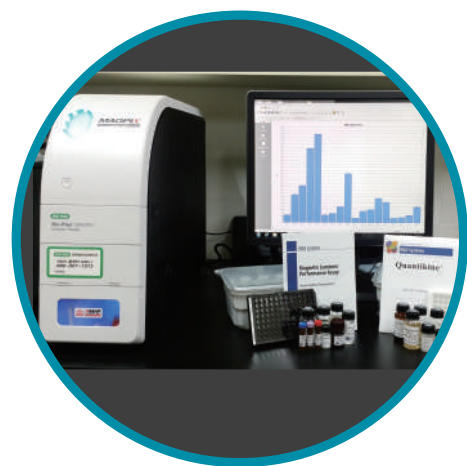


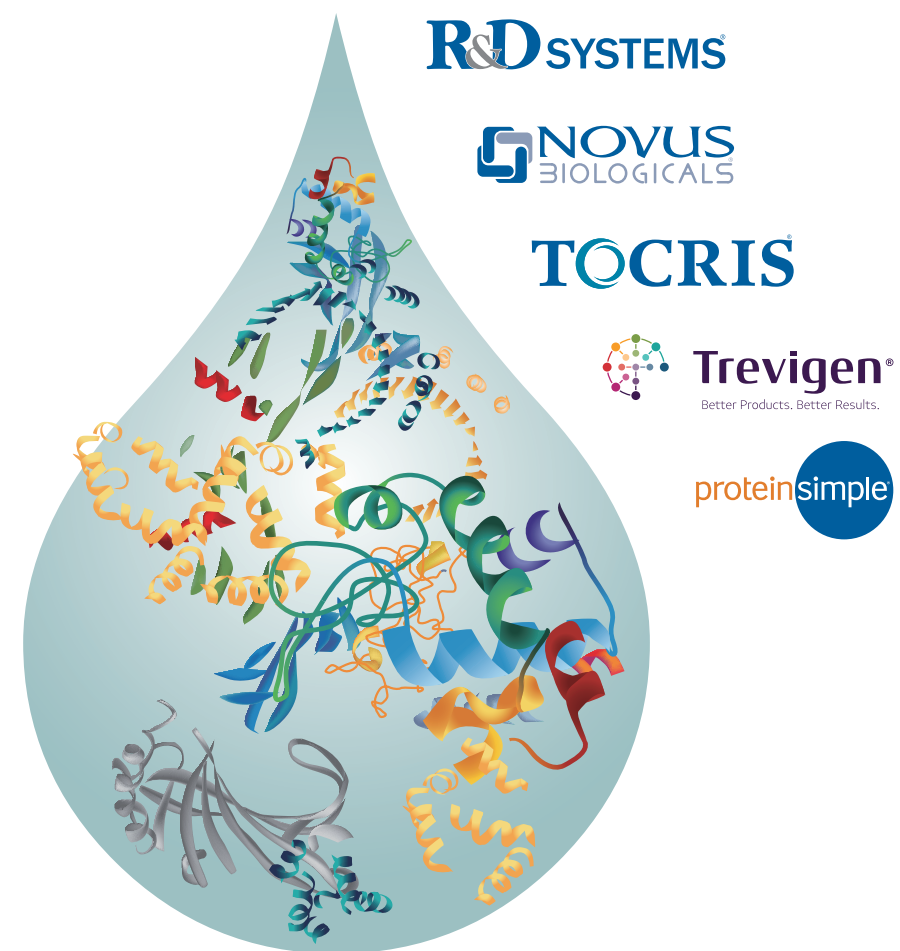


웅비메디텍 **Assay Service**
Luminex / ELISA / Western
 Time Saving !!! Quality UP !!!



Immunoassay Guide

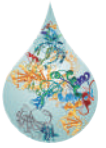
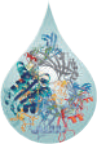
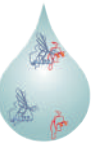
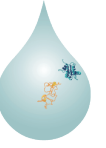
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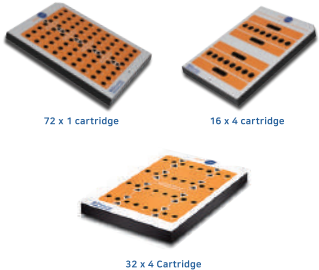
R&D SYSTEMS® + MOLECULAR DEVICES

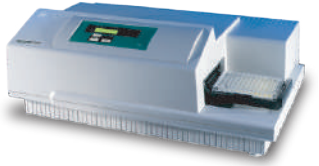
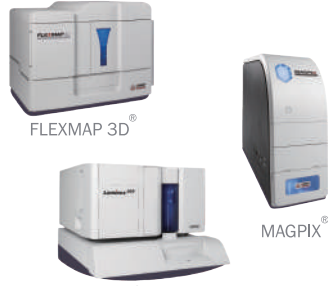
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DuoSet® ELISAs 15년간 reference 약 25,000개 이상 - 가장 다양한 target 단백질 정량가능 - Duaset 전용 추가시약 Kit (Ancillary Kit) - 편리함과 정확한 결과 - 다양한 Species - 가지수 800종 이상 Kit 5 or 15 plates 용량 	Quantikine® ELISAs - 필요한 시약이 모두 포함된 Complete Kit - Ready -to-use - 정확하고 재현성 있는 결과보장 - 제품마다 최적화 된 diluent 300개 이상으로 Assay 환경 최적화 - 다양한 Species 500종 이상 Kit - Six(6)~Pharm(50)Paks - High sensitive Kits 	Luminex® Assays 50~100 µL sample로 여러가지 단백질을 동시에 정량 (pg/mL) - R&D ELISA와 동일한 QC test - Quantikine ELISA와 correlation test - Multiplex에 최적화 된 diluent로 Ab의 non-specific binding 최소화 	Simple Plex™ Assays - Cartridge Multiplex - Hands-Free, Low-volume ELISA - Extreme Simple workflow - Highest Sens. & Wide Dynamic Range 1 ~ 100,000 pg/mL 25 µL sample로 triplicate - High Correlation w/ Quantikine Kits - 비교불가 재현성 	Proteome Profiler™ Arrays - Membrane-Based Array 50 µL sample에서 동시에 최대 119가지 analytes 분석 - Antibody array의 reference 중 91%가 R&D 제품 - Western blot 장비만으로 결과도출 - 쉬운 interpretation by Image J - Free S/W - 일반 PC 사용 가능 	Simple Western™ Assays - Gel-Free, Blot-Free, Hands-Free - Simple workflow - Sample 준비 → Wes start → 분석 0.3 - 1.2 µg lysate로 분석 가능 - High-Throughput 96 data points = 24 samples x 4 Abs - 정량 분석 가능 - 최대 4개 target 동시분석 1,000개 이상 Certified Abs (R&D + Novus) 	Single - Cell™ Western Assays - Single-Cell RNA 데이터를 protein level에서 validation - FACS에서 측정 어려운 protein 측정 - Isoform, Transcription factors - Hidden Cell Subpopulation 확인 - 최대 4개 target 동시분석 - Western blot용 Ab로 분석 가능 - 정량 분석 가능 
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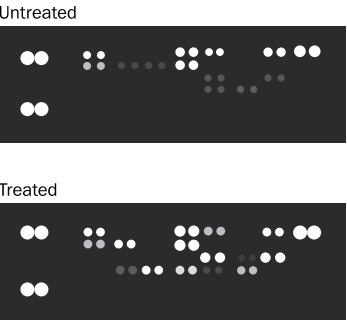
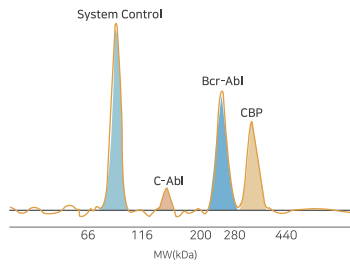
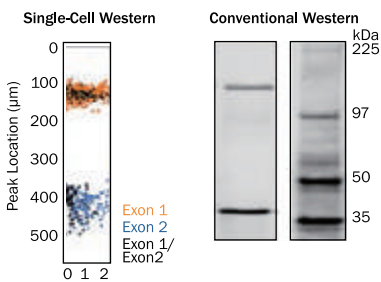
Protein 정량 측정

The BEST ELISA Development 	ELISA Gold Standard SCI 상위논문 약 42%가 R&D Quantikine ELISA 사용 	Luminex Multiplex 	Cartridge Multiplex 
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웅비 Assay Service  MOLECULAR DEVICES	웅비 Assay Service  MOLECULAR DEVICES	웅비 Assay Service  FLEXMAP 3D® Luminex® 100/200™ MAGPIX®	ELIA 
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ELISA Readers monochromator base DuoSet® ELISAs - VersaMax - 96 well, 340-850 nm - SpectraMax Series 190 : 96 well, 190-850 nm - Plus : cuvette/ 96 & 384 well 190-1000 nm 340PC : 96 & 384 well, 340-850 nm	ELISA Readers monochromator base Quantikine® ELISAs - VersaMax - 96 well, 340-850 nm - SpectraMax Series 190 : 96 well, 190-850 nm - Plus : cuvette/ 96 & 384 well 190-1000 nm 340PC : 96 & 384 well, 340-850 nm	Luminex® Bead - Based Multiplex - Pre-mixed or User mix 선택가능 - 다양한 패널 - Cytokine panel - High Sensitivity Cytokine panel - XL Cytokine Discovery panel - MMP panel 외 다수	Ella Automated High Sensitive Cartridge Multiplex - No Internal Contamination Issues 1시간 이내 결과 분석
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Western 정량 분석

Ab Arrays 	Multiplex 	Single - Cell Western 
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FluorChem™ Imagers 	Wes® 	Milo™  TheScientist TOP 10 INNOVATIONS 2015
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FluorChem™ Imagers Western Blot Imaging - High Resolution & High Sensitivity imaging for Western & Arrays - Chemiluminescent, Fluorescent 및 Infrared 분석	Wes® Automated - Western Blot 3시간 이내 25 sample run - 자동 data 분석	Milo™ Single - Cell Western - 1,000 cells at a time - Small Sample Input - 10,000 cells 이상 15 ~ 175 kDa 범위 분석 - 분석까지 4 ~ 6 시간
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