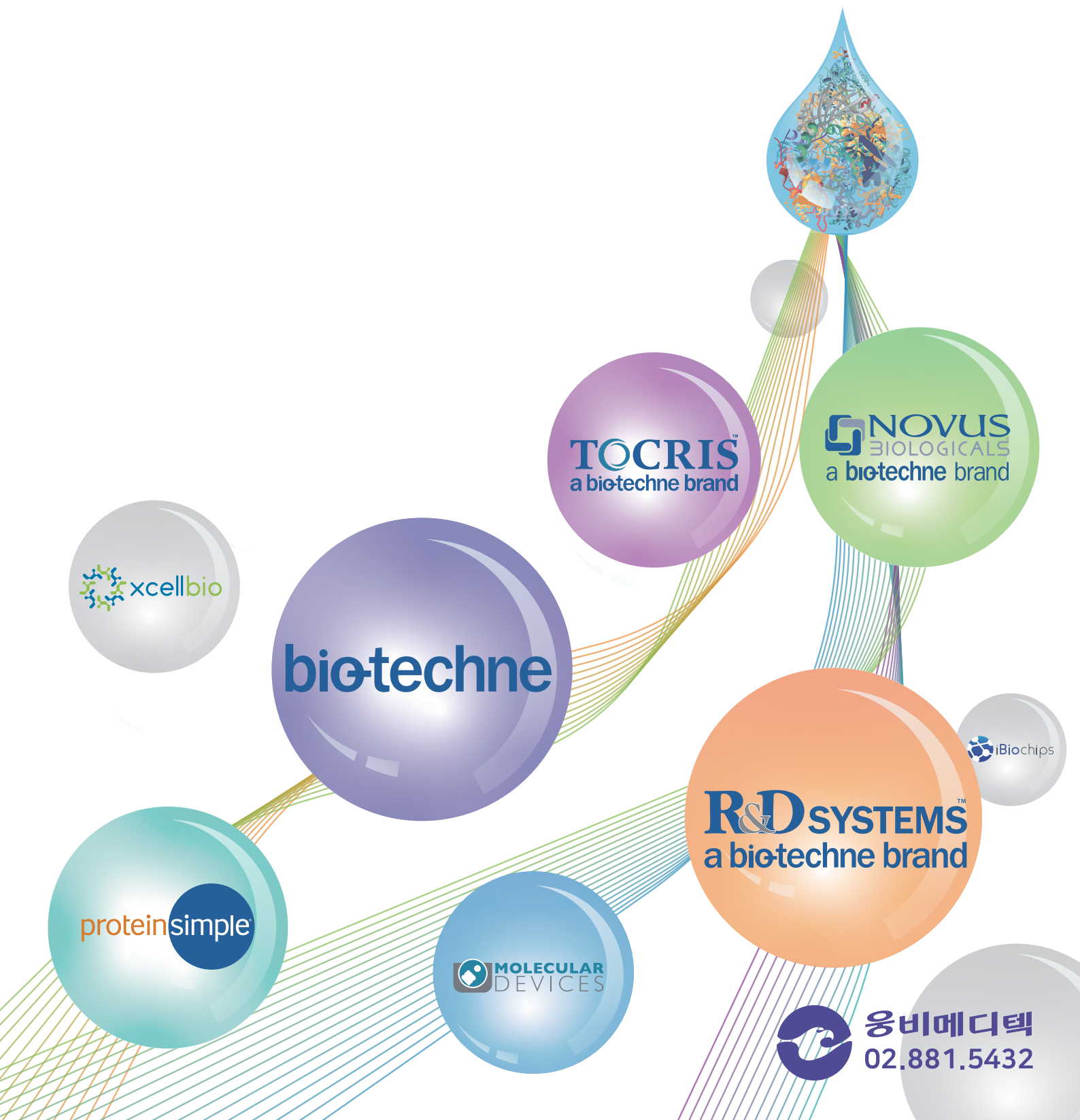



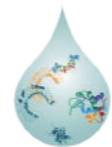
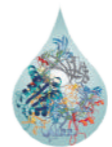
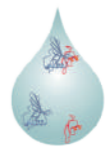
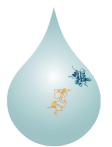


# Immunoassay Guide

## biotechne




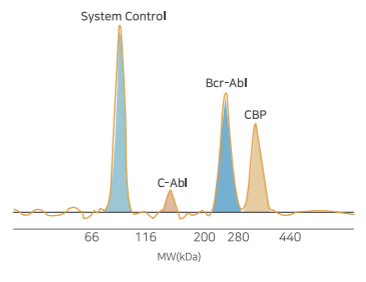
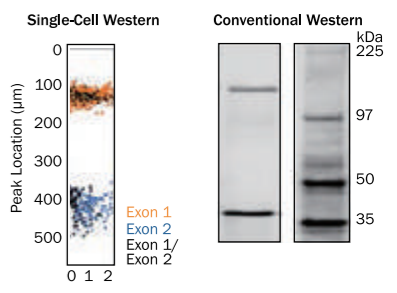
# Choose the Right Assays of the Best Quality

<p><b>DuoSet® ELISAs</b></p> <ul style="list-style-type: none"> <li>• 15년간 reference 약 25,000개 이상</li> <li>• 가장 다양한 target 단백질 정량가능</li> <li>• DuoSet 전용 추가시약 Kit (Ancillary Kit) - 편리함과 정확한 결과</li> <li>• 다양한 Species</li> <li>• 1000 종류 이상의 Kits</li> <li>• Size: 5 / 15 plates</li> </ul> 	<p><b>Quantikine® ELISAs</b></p> <ul style="list-style-type: none"> <li>• 필요한 시약이 모두 포함된 Complete Kit</li> <li>• Ready- to-use</li> <li>• 정확하고 재현성 있는 결과 보장 -300개 이상의 diluents로 kit마다 assay 환경 최적화</li> <li>• 다양한 Species, 500 종류 이상 Kits</li> <li>• Size: One(1) / Six(6) / Pharm(50)</li> <li>• High sensitive Kits</li> </ul> 	<p><b>Luminex® Assays</b></p> <ul style="list-style-type: none"> <li>• 50~100 µL sample로 여러가지 단백질 동시 정량(pg/mL)</li> <li>• R&amp;D ELISA와 동일한 QC test</li> <li>• Quantikine ELISA와 correlation test</li> <li>• Multiplex에 최적화 된 diluent로 Ab의 non-specific binding 최소화</li> </ul> 	<p><b>Simple Plex™ Assays</b></p> <ul style="list-style-type: none"> <li>• Cartridge Multiplex</li> <li>• Hands-Free, Low-volume ELISA</li> <li>• Simple workflow</li> <li>• Highest Sens. &amp; Wide Dynamic Range -1~10,000 pg/mL</li> <li>• 25 µL sample로 triplicate 분석</li> <li>• High Correlation w/ Quantikine Kits</li> <li>• 비교불가 재현성</li> </ul> 	<p><b>Proteome Profiler™ Arrays</b></p> <ul style="list-style-type: none"> <li>• Membrane-Based Array</li> <li>• 50 µL sample에서 동시 최대 119가지 analytes 분석</li> <li>• Ab array의 reference 중 91%가 R&amp;D 제품</li> <li>• Western blot 장비만으로 결과도출</li> </ul> 	<p><b>Simple Western™ Assays</b></p> <ul style="list-style-type: none"> <li>• Gel-Free, Blot-Free, Hands-Free</li> <li>• High Sensitivity -일반 WB 보다 8배 높은 Sensitivity</li> <li>• Simple workflow -Sample 준비 →Wes start→분석 (3hrs)</li> <li>• 0.6 µg Sample로 분석 가능</li> <li>• 최대 4개 target 동시분석</li> <li>• 1,000개 이상 Certified Abs (R&amp;D + Novus)</li> </ul> 	<p><b>Single - Cell™ Western Assays</b></p> <ul style="list-style-type: none"> <li>• Single-Cell RNA data를 protein level에서 확인</li> <li>• FACS에서 측정 어려운 protein 측정 -Isoform, Transcription factors</li> <li>• Hidden Cell Subpopulation 확인</li> <li>• 최대 4개 target 동시분석</li> <li>• WB용 Ab로 분석 가능</li> </ul> 
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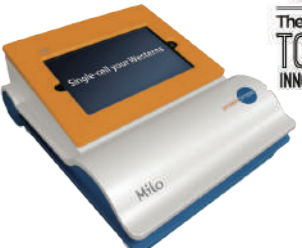
## Protein 정량 측정

<p><b>The BEST ELISA Development</b></p> 	<p><b>ELISA Gold Standard</b> SCI 상위논문 약 42%가 R&amp;D Quantikine ELISA 사용</p> 	<p><b>Luminex Multiplex</b></p> 	<p><b>Cartridge Multiplex</b></p>  <p>72 x 1 cartridge    16 x 4 cartridge 32 x 4 Cartridge</p>
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## Western 정량 분석

<p><b>Ab Arrays</b></p> 	<p><b>Multiplex WB</b></p> 	<p><b>Single - Cell Western</b></p> 
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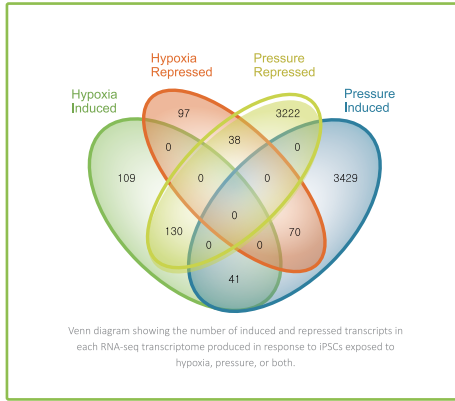
## 웅비 Assay Service

						
<p><b>Colorimetric ELISA Reader</b></p>	<p><b>Colorimetric ELISA Reader</b></p>	<p><b>Luminex®</b></p> <p><b>Bead-Based Multiplex</b></p> <ul style="list-style-type: none"> <li>• Pre-mixed or User mix 선택가능</li> <li>• 다양한 패널                     <ul style="list-style-type: none"> <li>- Cytokine panel</li> <li>- High Sensitivity Cytokine panel</li> <li>- XL Cytokine Discovery panel</li> <li>- MMP panel 외 다수</li> </ul> </li> </ul>	<p><b>Ella™</b></p> <p><b>Automated High Sensitive Cartridge Multiplex</b></p> <ul style="list-style-type: none"> <li>• No Internal Contamination Issues</li> <li>• 1시간 이내 결과 분석</li> </ul>	<p><b>Image Analyzer</b></p> <p><b>Western Blot Imaging</b></p> <ul style="list-style-type: none"> <li>• High Resolution &amp; High Sensitivity imaging for Western &amp; Arrays</li> <li>• Chemiluminescent, Fluorescent 및 Infrared 분석</li> </ul>	<p><b>Wes™</b></p> <p><b>Automated - Western Blot</b></p> <ul style="list-style-type: none"> <li>• 3시간 이내 25 samples run</li> <li>• 자동 data 분석</li> </ul>	<p><b>Miilo™</b></p> <p><b>Single - Cell Western - 1,000 cells at a time</b></p> <ul style="list-style-type: none"> <li>• Small Sample Input - 10,000 cells 이상</li> <li>• 15 ~ 175 kDa범위 분석</li> <li>• 분석까지 4 ~6 시간</li> </ul>

## Related Products



### ▶ AVATAR™ Cell Culture Incubator



- 인체 내 각 기관마다 다른 압력 & 산소 조건
- 달라지는 Gene Expression 양상
- 올바른 Culture 환경필요
- Tumor 환경 조성 / TME 연구 가능
- 얼려져 있던 환자 샘플 Primary Cell에 대한 Recovery 증진
- Immune Cell Culture (Expansion / Differentiation 증진)

### ▶ iBiochips



## Singel-Cell Isolation!

쉽고 빠르게



## Assay Service

Luminx / ELISA / Western / Ab Array / Ella



High Quality Time Saving!  
 웅비메디텍 Assay Service를 통해  
 합리적인 가격으로 신속 정확한 서비스를 만나세요

