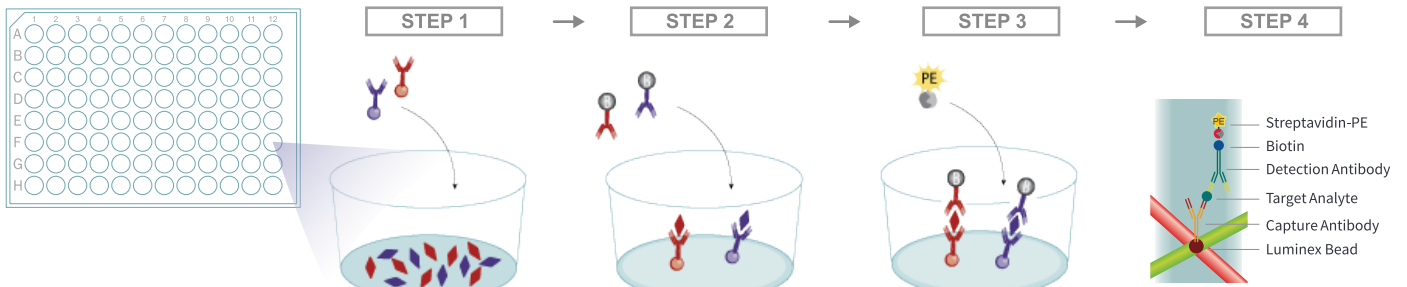


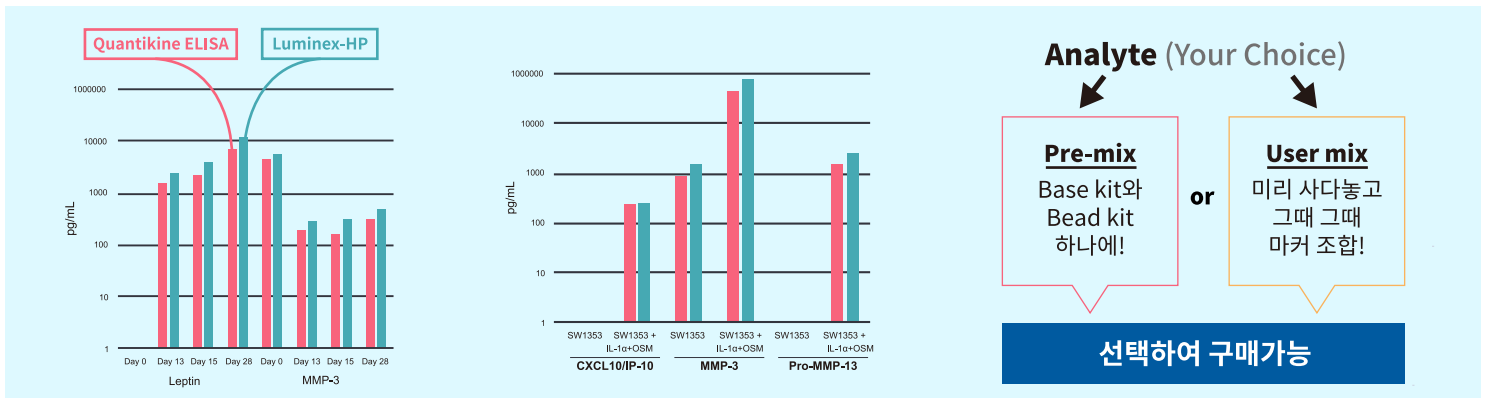
Luminex

High Performance Assays

Bead-Based Multiplex Assay



01 Highest Correlation with Q-kit



02 Superior Accuracy

Quantikine ELISA와 동일한 QC test 진행

03 Efficient & Rapid

소량의 sample(50-100 μ L)에서 다양한 analytes를 4-5 hours 내 분석완료

04 Flexible

Base kit와 Bead Set으로 구성, Pre-mixed 또는 User mix type 중 선택 가능

* Base kit와 Bead kit을 단일 kit로 or Base kit와 Bead kit 따로

05 웅비메디텍 실험실 & 장비 사용가능



웅비메디텍
02.881.5432



웅·테·나



웅·비·나



웅·T·V



웅·분·석

R&D SYSTEMS
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h High Sensitivity cytokine A $\begin{matrix} \text{pm} \\ \swarrow \text{uc} \searrow \\ \text{um} \end{matrix}$

GM-CSF	IL-6
IFN- γ	IL-8/CXCL8
IL-1 β	IL-10
IL-2	IL-12 p70
IL-4	TNF- α
IL-5	VEGF

h High Sensitivity cytokine B $\begin{matrix} \text{pm} \\ \swarrow \text{uc} \searrow \\ \text{um} \end{matrix}$

GM-CSF	IL-17/IL-17A
IFN- γ	IL-17F
IL-1 β	IL-22
IL-2	IL-23
IL-5	IL-31
IL-6	IL-33
IL-7	IL-36 β
IL-13	TNF- α
IL-15	

h Chemokine (pm)

CCL2	CCL11
CCL3	CXCL1
CCL4	CXCL10
CCL5	IL-8/CXCL8

h Cytokine (pm)

IFN- α	IL-6
IFN- γ	IL-7
IL-1 α	IL-9
IL-1 β	IL-10
IL-1ra	IL-15
IL-2	IL-33
IL-3	VEGF
IL-4	

h Cytokine A $\begin{matrix} \text{pm} \\ \swarrow \text{uc} \searrow \\ \text{um} \end{matrix}$

CXCL5/ENA-78	IL-6
FGF-basic	IL-8/CXCL8
G-CSF	IL-10
GM-CSF	IL-17/IL-17A
IFN- γ	MCP-1/CCL2
IL-1 α	MIP-1 α /CCL3
IL-1 β	MIP-1 β /CCL4
IL-1ra	RANTES/CCL5
IL-2	Thrombopoietin/Tpo
IL-4	TNF- α
IL-5	VEGF

h Th1/Th2 (pm)

GM-CSF	IL-9
IFN- γ	IL-10
IL-1 β	IL-12p70
IL-2	IL-13
IL-4	TNF- α
IL-5	TNF- β
IL-6	

h Th9/Th17/Th22 (pm)

CCL20	IL-9
CD40 L	IL-10
GM-CSF	IL-12p70
IFN- γ	IL-13
IL-1 β	IL-15
IL-2	IL-17/IL-17A
IL-4	IL-17E
IL-5	IL-33
IL-6	TNF- α

Multi-Species TGF- β $\begin{matrix} \text{pm} \\ \swarrow \text{uc} \searrow \\ \text{um} \end{matrix}$

TGF- β 1	TGF- β 3
TGF- β 2	

h XL Cytokine $\begin{matrix} \text{pm} \\ \swarrow \text{uc} \searrow \\ \text{um} \end{matrix}$

CD40 Ligand	IL-10
EGF	IL-9
Eotaxin/CCL11	IL-12 p70
FGF-basic	IL-13
Flt-3 Ligand	IL-15
G-CSF	IL-17/IL-17A
GM-CSF	IL-17E/IL-25
Granzyme B	IL-33
GRO α /CXCL1	IP-10/CXCL10
GRO β /CXCL2	MCP-1/CCL2
IFN-alpha2	MIP-1 α /CCL3
IFN-beta	MIP-1 β /CCL4
IFN- γ	MIP-3 α /CCL20
IL-1 α	MIP-3 β /CCL19
IL-1 β	PD-L1/B7-H1
IL-1ra	PDGF-AA
IL-2	PDGF-AB/BB
IL-3	RANTES/CCL5
IL-4	TGF- α
IL-5	TNF- α
IL-6	TNF- β
IL-7	TRAIL
IL-8/CXCL8	VEGF

h Immunotherapy (pm)

CCL2	IL-4
CCL3	IL-6
CCL4	IL-8
CD40 L	IL-9
CXCL10	IL-10
GM-CSF	IL-12p70
Granzyme B	IL-13
IFN- α	IL-15
IFN- γ	IL-17/IL-17A
IL-1 α	IL-33
IL-1 β	PD-L1
IL-1ra	TNF- α
IL-2	

*uc (user choice) / pm (pre-mix) / um (user mix)



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h Kidney Biomarker panel uc < pm um

Clusterin	Osteopontin (OPN)
Cystatin C	TFF3
CXCL10/IP-10	
Lipocalin-2/NGAL	

h TIMP 4-plex

TIMP-1	TIMP-4
TIMP-2	

NHP XL Cytokine Magnetic Panel (pm)

BCA-1/CXCL13	IL-8/CXCL8
BDNF	IL-10
CD40 Ligand	IL-12 p70
Eotaxin/CCL11	IL-13
FGF-basic	IL-15
G-CSF	IL-17/IL-17A
GM-CSF	IL-21
Granzyme B	I-TAC/CXCL11
GROβ/CXCL2	IP-10/CXCL10
IFN-alpha	MCP-1/CCL2
IFN-beta	MIP-3α/CCL20
IFN-γ	PD-L1/B7-H1
IL-1β	PDGF-AA
IL-2	PDGF-BB
IL-4	RANTES/CCL5
IL-5	TGF-α
IL-6	TNF-α
IL-7	VEGF

h Growth Factor (pm)

CCL3	IL-9
CCL19	IL-17E
CD40 L	IL-33
EGF	PD-L1
FGF-basic	TGF-α
Flt-3L	TRAIL
G-CSF	VEGF
Granzyme B	PDGF-AA
IFN-β	PDGF-AB/BB
IL-3	CXCL2
IL-8	

h MMP uc < pm um

MMP-1	MMP-10
MMP-2	MMP-12
MMP-3	MMP-13
MMP-7	EMMPRIN
MMP-8	
MMP-9	

h Biomarker panel A uc < pm um

BAFF/BLyS	IL-2 Rα
CD14	IL-6 Rα
CD27/TNFRSF7	MIP-3α/CCL20
CXCL13	TNF RII
gp130	

h Obesity panel uc < pm um

Adiponectin	Leptin
Adipsin	MCP-1/CCL2
CRP	Resistin
IL-6	Serpin E1
IL-10	TNF-α

h Metabolic Magnetic Panel (pm)

C-Peptide	Insulin
CCL2/JE/MCP-1	Leptin/OB
Ghrelin	Pancreatic Polypeptide/PP
GLP-1	Peptide YY
Glucagon	TNF-alpha
IFN-gamma	
IL-6	



R&D Systems Immunoassays

R&D SYSTEMS
a biotechne brand

DuoSet® ELISAs

- The Best ELISA Development
 - 15년간 약 25,000개 이상 Reference 보유
- 다양한 Target 단백질/Species 정량가능
 - 1,000가지 이상 Target 단백질
 - Human, Mouse, Rat, Primate, Monkey, Canine, Porcine,...
- 장비의 최소화
 - Orbital Shaker, 4°C Incubator 등 추가 장비 필요없음
- DuoSet 전용 추가시약 Kit (Ancillary kit)
 - 편리함과 정확한 결과
- 최고의 O/S비
 - 5 or 15 Plates 용량

Quantikine® ELISAs

- ELISA의 Gold Standard
 - 필요한 시약이 모두 포함된 Complete Kit
- Ready-to-use
- SCI 상위논문 약 42%가 Complete Kit Quantikine ELISA 사용
- 정확하고 재현성 있는 결과보장
 - Blocker: Non-specific Binding 차단
- **QuickKit - 90분 결과 확인**
- **HS kit - High Sensitivity**
- **IWD/FDA - EPO**
- **Parameter - Small Molecules**

Luminex® High Performance

- 50~100 μ L Sample로 여러가지 단백질을 동시에 정량 (pg./mL)
- Correlated with Quantikine ELISA
- Multiplex에 최적화 된 Diluent로 Ab의 Non-specific Binding 최소화
- HS Cytochrome
- QC Materials
- 질환별 대표 marker panel 선택가능
 - Cytokine, Immunotherapy, Th, Kidney, MMP, Metabolic, etc

Proteome Profiler™ Antibody Arrays

- 50 μ L의 Sample로 최대 111가지 analytes 분석 가능
- Western Blot 장비만으로 결과 확인
- 간편하고 쉬운 실험 과정
- 전용 분석 software로 정확 신속한 결과 분석
- 동시분석에 최적화된 antibody 사용
- Time-Dose Treatment 비교 분석 용이

Professional Quality! **응비 분석서비스**

ELISA Development



ELISA Gold STD Kit



Luminex Multiplex



The Best Screening Tool Antibody arrays

