

Cartridge Multiplex

Automated high Sensitive Multiplex ELISA

- **Extremely Simple** : 3 step & 1 시간 내 분석완료
- **비교불가 재현성:**
No Standard curve (Factory Calibrated)
- **Highest Sensitivity & Wide Dynamic Range** :
(1 ~ 10,000 pg/ ml)
- **High Correlation w/Quantikine kit**
- **25 uL Sample vol. 으로 triplicate**
- **다양한 cartridge:**
72 samples x 1 analyte
16 samples x 4 analytes
32 samples x 4 analytes



Ella

ELISA



3 steps
1 hr for results

Scan barcode



Add samples
& Wash buffer



Run cartridge



1hr vs 3~6hr

Many Steps
3-6 hr for results

Prepare samples



Add reagents



Incubate



Wash



Add reagents

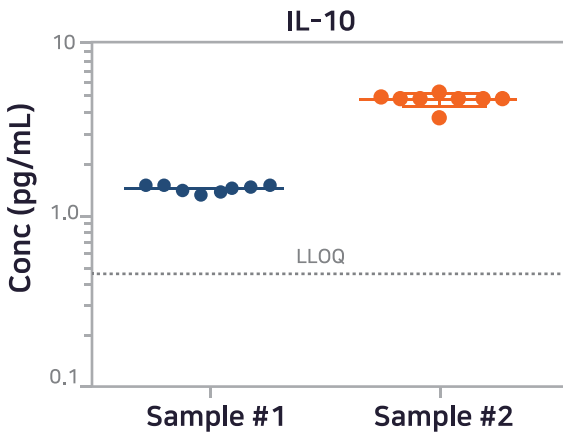


Read & analyze

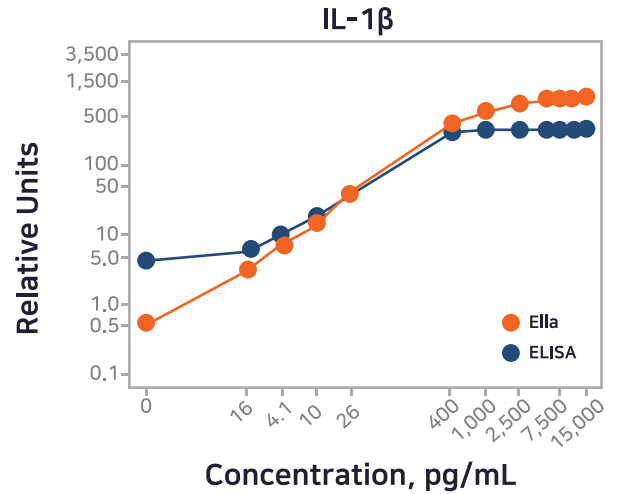




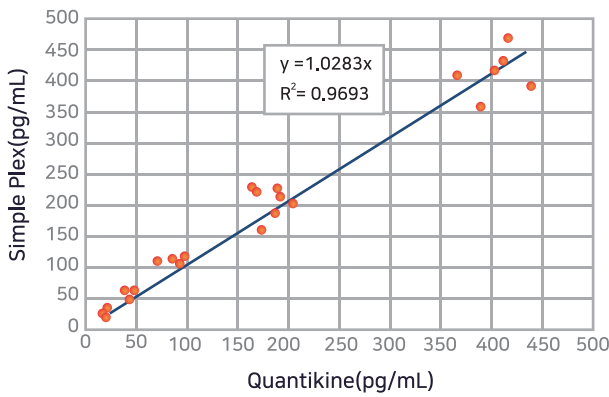
01 비교불가 재현성



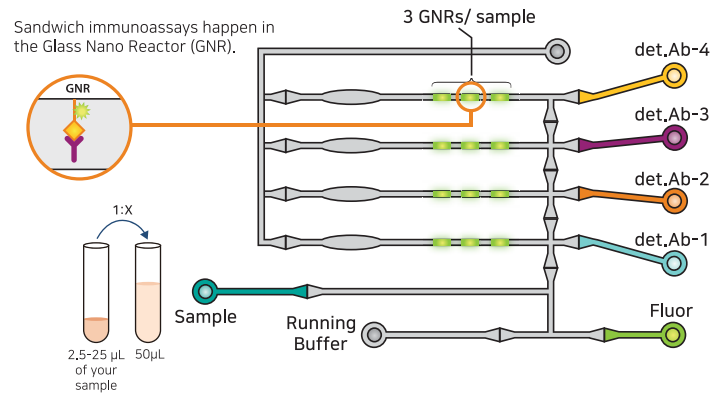
02 High Sens. & Wide Range



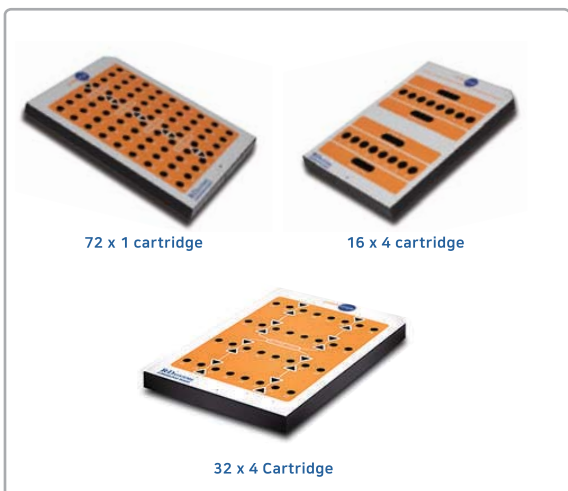
03 Highest Correlation w/ Q.kit



04 25 µL로 Triplicate



05 Flexibility



06 Specification

DESCRIPTION	ELLA	TRADITIONAL ELISA	ARRAY-BASED ELISA
Sample volume	25 µL	50-100 µL	10-25 µL
Results per plate	72 samples per analyte or 16 samples per 4 analytes	30 samples per analyte	30 samples per analyte or multiple analytes
Multiplex	Yes	No	Yes
Cross-reactivity	Not possible	Not applicable	Possible
Dynamic range	4-5 logs	1-2 logs	3-4 logs
Typical sensitivity	≤1 pg/ml	≤10 pg/ml	≤10 pg/ml
Reproducibility	7%	15%	20%
Manual wash steps	0	Many	1-3
Hands-on time	10-15 minutes	80-120 minutes	80-120 minutes
Time to answer	60 minutes	>180 minutes	>240 minutes