

# Product Advantages of Cloud-Clone Multiplex Assay Kit



## Wider detection range

1,000-10,000 times wider than common ELISA kits



## Higher sensitivity

10-100 times more sensitive than common ELISA kit



## More reliable result

Data generation from 50 beads per well for each target



## Small sample volume

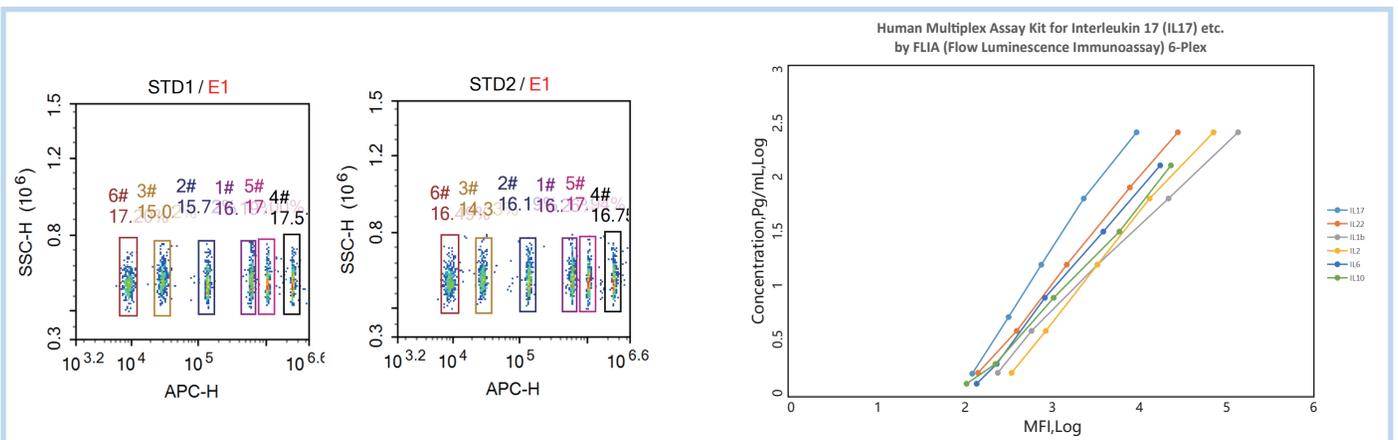
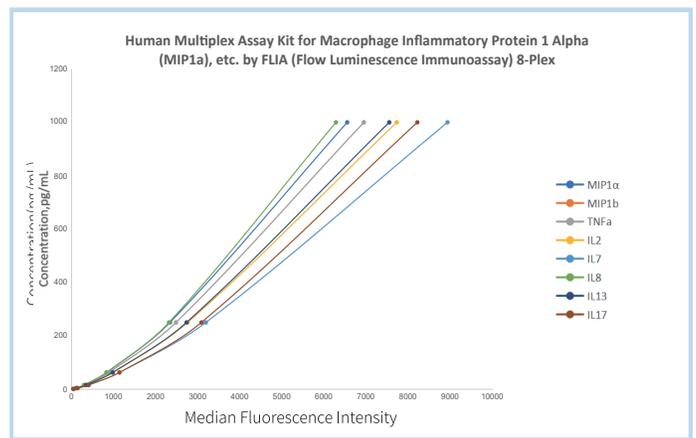
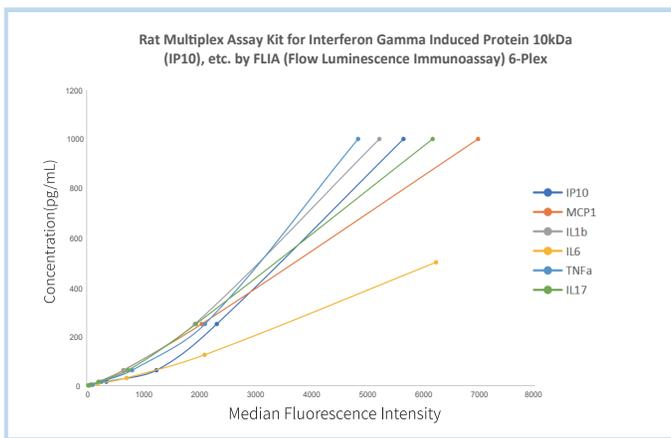
Minimum volume: 20µL



## Save time and money

Multiple targets can be simultaneously profiled

# Typical Standard Curves for Multiplex Assay Kit



Cloud-Clone Corp.

Original Manufacturer for Reagents, Samples and Services

23603 W. Fernhurst Dr., Unit 2201, Katy, TX 77494, USA Tel: 001-832-538-0970 Toll free: 888-960-7402 (In the USA)

[www.cloud-clone.com](http://www.cloud-clone.com)

[www.cloud-clone.us](http://www.cloud-clone.us)



# Cloud-Clone Multiplex Assay Kits based on Luminex | Flow CytoMeter Platform

Cloud-Clone Multiplex Assay Kits, based on Multiplex xMAP technology, enable to make rapid and efficient analysis of multiple targets in a single well. Compared to ELISA, Multiplex Assay Kit can provide more data from each sample of plasma, serum, tissue homogenates and cell culture supernates, which is a key feature when sample volume is limited. Furthermore, you could be achieved with a more comprehensive study of protein signaling in precious sample with a single trial.

## Simultaneous analysis of multiple targets with only 20µL samples



Cloud-Clone Multiplex Assay Kits

Experimental Services

## Comparison of mainstream immunoassay kits

Product	ELISA	CLIA	Flow Cytometer	Luminex
Number of targets	1	1	multiple	multiple
Sample Size	100-200µl	100-200µl	≥20µl	≥20µl
Sensitivity	normal	normal	high (pg level)	high (pg level)
Detection Range	1,000 times	1,000 times	100,000 times	100,000 times
Data Consistency	normal	normal	high	high
Automaticity	normal	normal	high	high
Detection Instrument	ELISA reader (with a large installed capacity)	Chemiluminescence analyzer (with a small relativity installed capacity)	Flow cytometer (with a large installed capacity), Easy to use	Luminex detector , a professional instrument that requires professional personnel to operate
Price	normal	high	low	low
Detection Efficiency	normal (skilled workers can test 5-8 targets per day)	normal (skilled workers can test 5-8 targets per day)	30-80 targets per day	30-80 targets per day