



## Analyte Content List

### Human

Adipon	AFP	ANG-2	CA 125	CA 15-3
CA 19-9	CD40L	CEA	Complex I	Complex II
C-Peptide	CRP	E1G	Eotaxin	EPO
Ferritin	FGFbasic	Frataxin	FSH	Free Cortisol
GCSF	GMCSF	GRO $\alpha$	HCG $\beta$	HGF
HGH	HIV	hsCRP	I-309	IFN $\beta$
IFN $\lambda$	IFN $\Omega$	IFN $\alpha$	IFN $\gamma$	IGF-2
IL-10	IL-12p70	IL-13	IL-15	IL-17
IL-21	IL-1 $\alpha$	IL-1 $\beta$	IL-2	IL-23
IL-3	IL-4	IL-5	IL-6	IL-8
IL-RA	IP-10	Leptin	LH	Malaria
MCAD	MCP-1	MCP-2	MIG	MIP-1 $\alpha$
MIP-1 $\beta$	MIP-3 $\alpha$	MMP-1	MMP-3	MMP-9
PAI-1	PDF	PDG	PDGF-BB	PDH
PF4	PIGF	Prolactin	PSA	Rantes
RBP	Resistin	SCHAD	sTFR	Syphillis
TARC	TFP	TGF $\beta$	TIMP-1	TIMP-2
TNFR I	TNFR II	TNF $\alpha$	TNF $\beta$	TPO
TSH	VEGF	VEGF-C	VEGF-D	




### Mouse

CD44	Eotaxin	GMCSF	IFN $\gamma$	IL-10
IL-12p70	IL-17	IL-1 $\alpha$	IL-1 $\beta$	IL-2
IL-3	IL-4	IL-5	IL-6	IL-9
IP-10	KC	MCP-1	MDC	MIF
MIP-1 $\alpha$	MIP-1 $\beta$	MIP-2	PF4	RANTES
SDF-1	TARC	TCA-3	TNF $\alpha$	VEGF

### Rat

IFN $\gamma$	IL-2	IL-4	IL-6	RANTES
TNF $\alpha$				

## Advantages of Q-Plex™ Array Technology

- 
**Save Time**  
 Simultaneously run up to 16 different assays in the same amount of time as a traditional ELISA.
- 
**Save Sample**  
 Use 5 $\mu$ l to 50 $\mu$ l of sample to generate greater amounts of data compared to traditional ELISA testing.
- 
**Save Money**  
 No need to purchase multiple ELISA kits to generate the same amount of data.
- Up to 16 markers from less than 50 $\mu$ l of sample in 2.5 hours.
- High sensitivity and low background
- Compatible with multiple sample types.
- Low cost compared to competing multiplex technologies.
- Validated to ensure no cross reactivity among markers within an array.
- Manufactured in an ISO 9001 registered facility.

Scan here to build your array



Get the free mobile app: <http://gettag.mobi>

POWERED By  
**Q-Plex**  
Technology

# The Q-Plex™ Array

## SPOTTING IN 96 WELL PLATE

- Robotic liquid handlers print 20-50nl spots of capture antibody
- Each spot is a unique assay within the well
- Spot to spot variability <4% CV
- Spot size 350-500 μm
- Plates are QC'd for spot quality

## PERFORMING THE ASSAY

- Add as little as 30ul of sample
- Wash
- Add mix of detection antibodies specific to that kit
- Wash
- Add streptavidin bound to a IR-Dye or HRP

## DETECTION OF SAMPLE

- Each spot is a different assay (IL-1, IL-2, etc.)
- With the addition of substrate, a response is produced
- If antigen is present the spot emits light
- If no antigen, the spot is not visible

## IMAGE CAPTURE

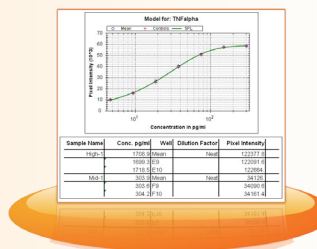
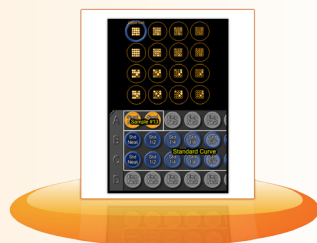
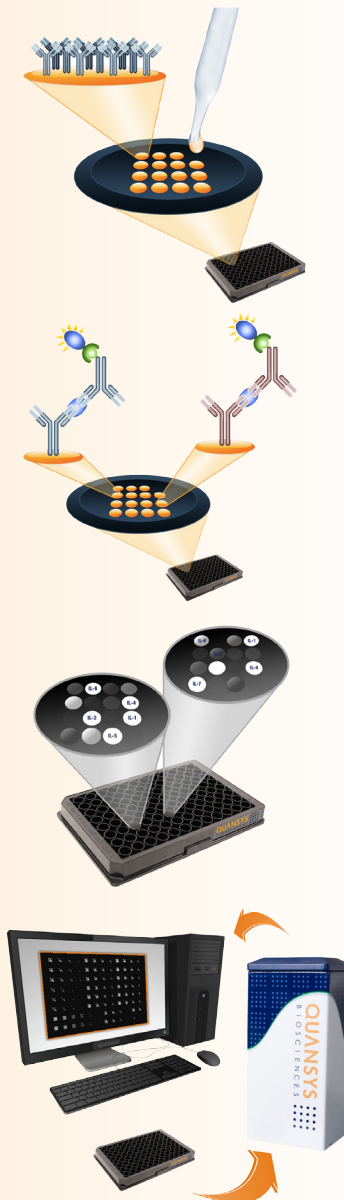
- An image is taken of the plate via a high resolution camera (Q-View Imager or approved gel doc system) or fluorescent scanner (LI-COR Odyssey)
- The image file (TIFF) is imported into Q-View Software and a Q-View Project is created

## IMAGE ANALYSIS

- Image is opened in Q-View Software
- Spots are automatically found on plate image
- Intensity of spot response is measured and raw data is generated
- User imports product specs and well layout

## DATA ANALYSIS

- Raw data is analyzed and compared to in-plate standard
- Regression models used to calculate unknowns
- Standard curves are calculated and sample and statistical data is exported



Quansys Biosciences develops cutting-edge multiplexing technologies and processes to improve the accuracy, simplify the process, and reduce the time and expense of ELISA testing.

# SAVE

Time



Sample



Money



For more information please contact us:

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