

Q-View™ Imager

The Q-View™ Imager is a high quality, low-cost alternative for chemiluminescent imaging. The Q-View Imager will support 96 well plate based chemiluminescent imaging as well as chemiluminescent Western blot imaging. Our new design ensures a light weight unit with a light tight enclosure.

The Q-View Imager comes with Q-View Software, a powerful user friendly image analysis software package, that enables the user to take the image from the software and to open and process the image. The software also is designed to automatically scan the image, recognize the spots, and with user defined input, output sample data.



Some of the specifications and requirements of our imaging system are as follows:




Resolution: 15.1 Megapixel
 Sensor Type: CMOS
 LCD: 3.0" Screen
 Control: via Q-View Software
 Power: 120-240 Volt AC
 Lens: Included lenses to minimize vignetting effect
 Image Application: SBS plate format and maximum 3" x 4 3/4" blots

Q-View Imager Package without PC
Catalog #: 104350GR
Price: \$8100

Connection to PC: USB Computer specifications (included):
 Pentium IV: 2.6 GHz processor
 1GB RAM Weight: 19 lbs
 Footprint: 8" x 10"
 Dimensions: 8" x 10" x 22"
 High Throughput: Integration with Tecan Freedom Evo

Q-View Imager Package with PC
Catalog #: 104250GR
Price: \$9900

Advantages of Q-Plex Array Technology

- **Save time**  simultaneously run up to 16 different assays in the same time as a traditional ELISA.
- **Save sample**  use 5µl to 30µl 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 30µl of sample in 2.5 hours.
- High Sensitivity and Low Background achieved with highly purified, high affinity antibodies.
- Multiple sample types have been used - sera, plasma, tissue homogenates, tears, cell culture supernates, lysates, nasal lavage, and urine.
- Comparatively low cost compared to competing multiplex technologies.
- Validated to ensure no cross-reactivity among markers within an array.
- Manufactured in a controlled clean environment to ensure consistent print quality.
- Manufactured in an ISO 9001 registered facility.
- Proprietary technology ensures precise spot deposition of capture antibody to the solid phase.

The Q-Plex™ Arrays

Our Q-Plex™ Array is a new multiplexed ELISA technology capable of simultaneously identifying multiple biomarkers to generate a biochemical profile. The current Q-Plex Array is capable of measuring up to 16 different biomarkers using a small sample volume. The 96 well array plate is prepared by spotting capture into each well using carefully controlled deposition techniques. All of the antibodies used in each array have been subject to a rigorous and comprehensive cross-reactivity protocol and verified to be non-cross reactive with any other system in the array. The Q-Plex Array can currently yield up to 1,536 data points – each point is a miniaturized sandwich ELISA.

The Q-Plex Array not only dramatically reduces the sample volume, but it generates a biochemical profile of the biomarkers assayed. The Q-Plex Array is an invaluable tool for the simultaneous detection of multiple biomarkers, providing a platform that overcomes the shortfalls of both conventional assays and predecessor multiplex assays.

Once the ELISA protocol is completed the Q-Plex Array is imaged using the Q-View Imager to capture the chemiluminescent signal. The pixel intensity of each spot is directly correlated to the concentration.

The Q-Plex technology is able to produce large amounts of data from small sample volumes. This large amount of data makes it essential that the right tools are available to process the data or the task can be overwhelming. To analyze each sample, Quansys offers a simple but powerful software package.

The Quansys Q-View™ Software was built specifically for use with our arrays. Q-View Software is a user friendly image analysis software package, that enables the user to take the image from the software and to open and process the image. The software is also designed to automatically scan the image, recognize the spots, and with user defined input, output sample data. The software enables the end user to quickly analyze a digital image of the assay.

Quansys Biosciences is revolutionizing the process and results of multiplexed ELISAs. We are committed to working with each client to find solutions that will simplify their lives, save them time and money, and give them high-quality results again and again.

Talk with us today about how we can customize our unmatched technology to fit your specific research needs.

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.



For more information please contact us:

QUANSYS 
BIOSCIENCES

365 N 600 W
Logan, Utah 84321

Toll Free:
888-QUANSYS
P: 435-752-0531
F: 435-750-6869

info@quansysbio.com
www.quansysbio.com

	Electro-Chemi	Bead-based	Q-Plex™ Array
Sample Size	50-100 µl / test	12.5-50 µl / test	5-30 µl / test
Cost Per Data Point	\$2.00 per data point	\$2.02 per data point	\$1.00 per data point
Speed-Data Points per Test	864 data points/test	1,000 data points/test	1,536 data points/test
Protocol	Similar to ELISA	Complex- New Application	Similar to ELISA
Equipment	Equipment (\$100-\$200K)	Equipment (\$100-\$200K)	Q-View Imager (\$9,600)
Pricing	\$1,728 (9-Plex)	\$1,745 (9-Plex)	\$1,090 (9-Plex)
Variation	Acceptable variability ≤10% CV	Lot to Lot Variability	Low Variability ≤7% CV
Clinical Application	Limited Applications	Multiple Applications	Limited Applications