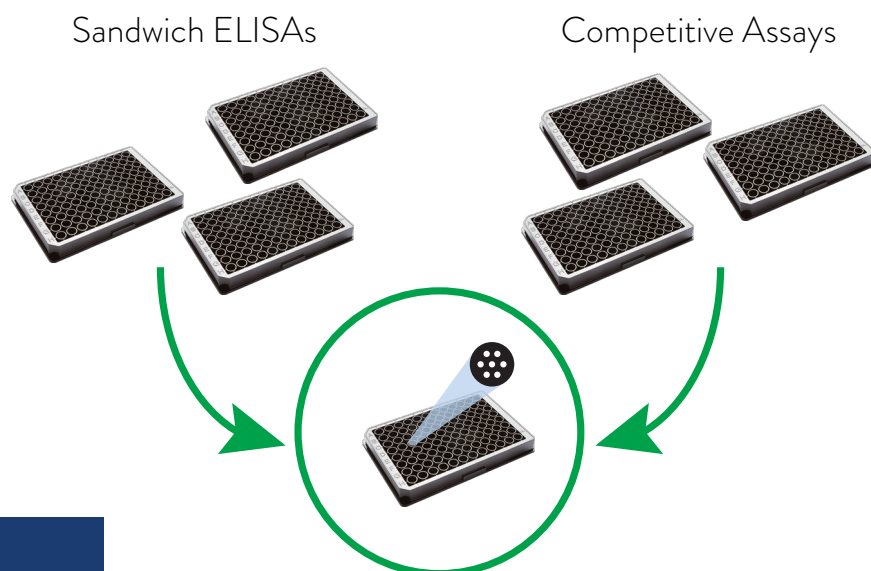


Why Multiplex ELISA

Traditional Enzyme-Linked Immunosorbent assays (ELISA), have been used for decades in research and development, disease diagnosis and other critical fields in science. Multiplex ELISAs offer the same time proven reliability with updated efficiency. Q-Plex™ Arrays are built by printing nano spots in defined arrays of multiple distinct capture antibodies in each well of a multiwell plate. Multiplex ELISAs have been developed to provide the sensitivity of ELISA with the ability to test for multiple analytes at the same time. With Q-Plex™, scientists can measure up to 18 distinct analytes in each well of a 96-well plate.



Save Time, Money, and Sample with Q-Plex™

Q-Plex array technology quantifies cytokines, chemokines, hormones, and other common disease indicating proteins with standard or custom kits.

Q-Plex Benefits

- ▶ Easy to use protocol is similar to traditional ELISA allowing you to multiplex without adding complicated steps.
- ▶ Using the multiplex platform, you can perform up to 18 ELISA tests in the same amount of time it takes to complete one conventional ELISA.
- ▶ Because you can test 18 assays in a single well, you get more results from each precious sample.

- ▶ Using a single kit to test multiple assays is more cost-effective than testing multiple individual kits; you'll save on the price of the kit and the labor associated with performing the assays.
- ▶ Measuring multiple analytes in each well gives you more data for your time and sample.
- ▶ Fully quantitative results with low pg/mL sensitivity.
- ▶ Most Q-Plex Arrays run in only 2-3 hours.
- ▶ Lower price per data point than traditional ELISA and other multiplexing methods.



High Quality, Reproducible Chemiluminescent Imaging

The Q-View™ Imager offers a high quality, low-cost chemiluminescent solution to 96-well plate based chemiluminescent imaging and western blot imaging.

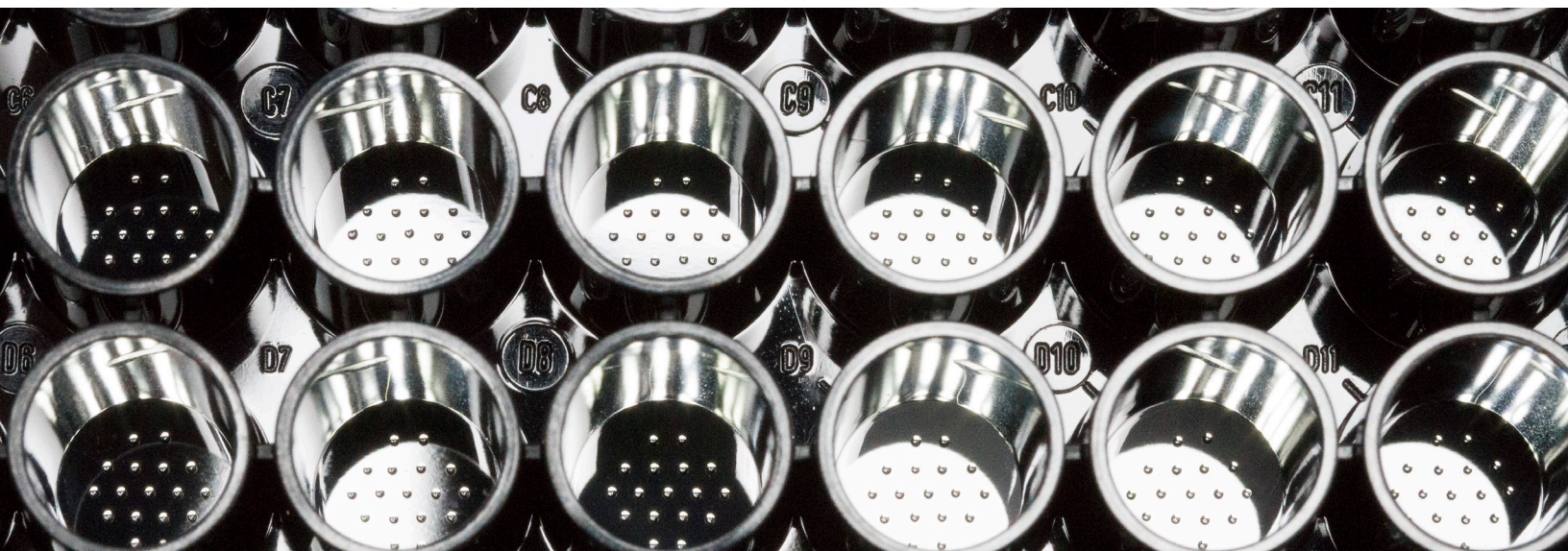
Q-View™ IMAGER LS



The **Q-View™ Imager LS** offers entry level access to the Q-Plex™ technology. Featuring a user friendly design and modest price, the Q-View Imager LS provides high quality, chemiluminescent imaging for a 96 well and 384 well plates and Western blot platforms.

Q-View Imager LS

Resolution:	24.1 Megapixel
Pixel Size:	16.9 x 16.9 microns
Sensor Type:	CMOS
Optics:	Selected to minimize vignetting effect
Image Application:	SBS plate format and maximum blots 3 x 4 3/4 in (7.6 x 12.1 cm)
Imaging Time:	4.5 minutes
Control:	Q-View Software
Connection to PC:	USB 2.0
Power:	120-240 Volt AC 50/60 Hz
Cooling (typical):	N/A
Footprint/Dimensions:	8 x 10 x 22 in (20.32 x 25.4 x 55.88 cm)
Weight:	21.3 lbs (9.7 kg)



Quickly Acquire and Analyze Q-Plex™ Arrays

The Q-View™ Software is a powerful tool for the high sensitivity imaging and quantitative analysis of Q-Plex Arrays and other assays, such as classic ELISAs and blots.

Q-View™ SOFTWARE

Functionality

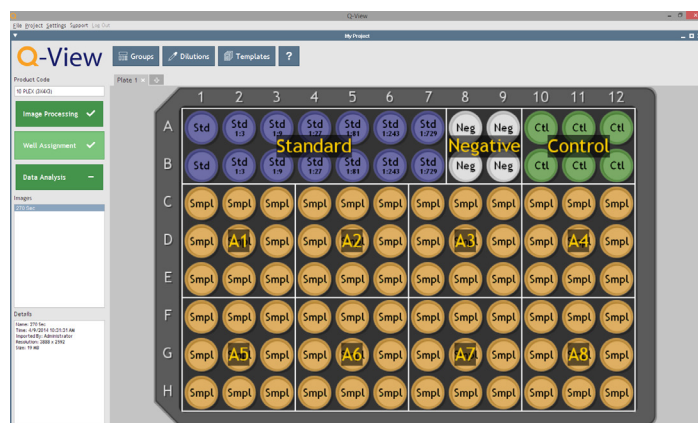
- ▶ Drives the Q-View Imager
- ▶ Time-saving "Auto" features
- ▶ Advanced image acquisition algorithms to minimize the effects of noise, maximize sensitivity
- ▶ Multiple regression models including 4PL, 5PL, and point to point quantitative
- ▶ Multiple select weighing options to offset heteroscedasticity
- ▶ Outlier masking
- ▶ Pass/fail calculations to automatically detect and flag errors
- ▶ Customizable reports and charts

Related images and their large data sets are housed within a single project file and exported for further use.

Advantages

- ▶ cGMP-compatible
- ▶ 21 CFR Part 11 compliant
- ▶ Full touch-screen support
- ▶ Concise embedded help and online video tutorials
- ▶ Publication-quality, customizable reports and graphs
- ▶ Rapid processing through multi-threading and task parallelization

Intuitive Workflow



- 1. Image Processing:** Acquire or import images and easily locate spots using Auto-Set Plate Overlay and Auto-Adjust Spots or use Blot Tools to determine signal intensities from alternate assay types.
- 2. Well Assignment:** Label wells quickly via Templates and Sequential Naming, and import/export plate layouts as .csv files.
- 3. Data Analysis:** View raw data, Auto-Select the best curve fit or manually optimize regression model settings for your data, and customize charts and reports with Statistics, Assay Limits, and Auto-Selected Dilutions.

