

**QUANSYS**  
BIOSCIENCES

Q-View™ Software

## Table of Contents

Setting Up the Imager .....	1
Before Initial Use .....	1
Setting Up the Software .....	1
Computer Specifications .....	1
Installing the Software .....	2
Working with Projects .....	3
Creating or opening a project.....	4
Closing a project .....	5
Viewing the status of your projects .....	5
Acquiring an Image.....	5
Acquiring an Image from a Quansys Imaging System .....	5
Acquiring an Image by Importing an Image File.....	7
Analyzing an Image .....	7
Using the Image Tools tab .....	8
Using the Export Image tab .....	8
Using the Plate Alignment Tools tab .....	8
Input product number – standard product.....	9
Input product number – custom product.....	9
Moving the image within the display window.....	9
Modifying the number of rows or columns to be analyzed .....	10
Create a spot overlay.....	10
Saving a template.....	11
Opening a previously saved template .....	11
Using the Manual Spot Tools tab.....	11
Working with Products and Lots .....	12
Defining Lots .....	12
Defining Products .....	14
Assigning Wells.....	15
Using the Groups tab .....	16
Using the Dilution tab.....	18
Using templates.....	18
Analyzing Data .....	18
Data Output Options .....	19
Qualitative Charting.....	19
5 PL Regression .....	20
4 PL Regression .....	20
Log-Log Regression.....	20
Point to Point.....	20
Linear Regression .....	20
Viewing Data on your Screen.....	21
Final Data.....	21
Graphs/Charts .....	21
Raw Spot Data .....	22
Data Export .....	22
Administrative Functions.....	24

Importing Update Files from the Internet .....	24
Exporting Update Files .....	25
Importing Update Files from a Memory Device.....	25
Uninstalling the Software .....	25
Unlocking the Software .....	25
Changing the Password.....	25
Using the Help feature .....	26

## Setting Up the Imager

- Carefully unpack the Q-View™ Imager and place it on a work area.
- Connect the wall cord to the imager power supply.
- Plug the wall cord into a surge protector.
- Connect the USB cord into a computer that has Q-View™ Software installed.

### **Before Initial Use**

- Wipe down the outside of the imager. Suggested cleaners are: rubbing alcohol, ethanol, or window cleaner.
- Clean glass with lint free cloth and ethanol.

Note: Due to the excessive movement during shipping, the camera in your Imager may have been loosened and or unfocused. Follow the suggestions below to focus your camera. It may be necessary to remove the bottom plate of the imager to help center the lens of your camera.

- Launch the Q-View™ software.
- Create a new Project called “Focus”
- Press the Capture Image button.
- Click on the Enable Live View Feed checkbox (a live image will appear once the focus arrows on the bottom of the window are clicked).
- Note: If the camera is left for an extended amount of time in live view, it will freeze. To reset the camera unplug the unit, and plug it back in.
- Place the 96-well focusing plate (included) in the plate holder tray in the imager box. Keep the lid open to visualize the focusing plate.
- Use the arrows in the Capture Image window to focus the plate.
- Make sure to clearly focus on the words printed on the focusing plate.
- Once focused, un-check the Live View Feed checkbox and close the image capture window.

Note: Make sure to clean the glass with a lint free cloth and ethanol before each use.

## Setting Up the Software

The Q-View™ Software is a comprehensive package that allows users to take images of microarrays, identify spots and process data from the arrays. This software has been built for use with Quansys Q-Plex™ technology.

### **Computer Specifications**

For optimum performance, the computer that runs the Quansys Q-View™ Software should meet at least the following specifications:

- Pentium IV processor
- XP Operating System with service pack 2

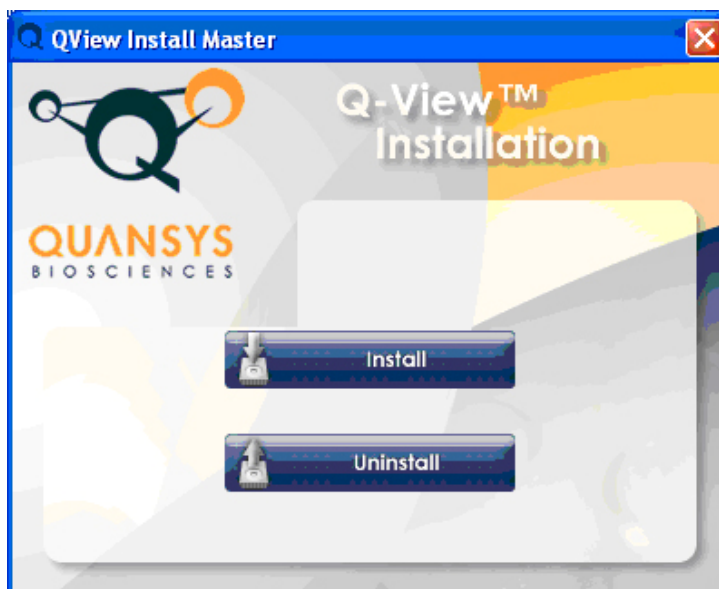
- 1 GB RAM
- Resolution: 1028x768

The following sections provide instructions for setting up the software before running the first assay.

## ***Installing the Software***

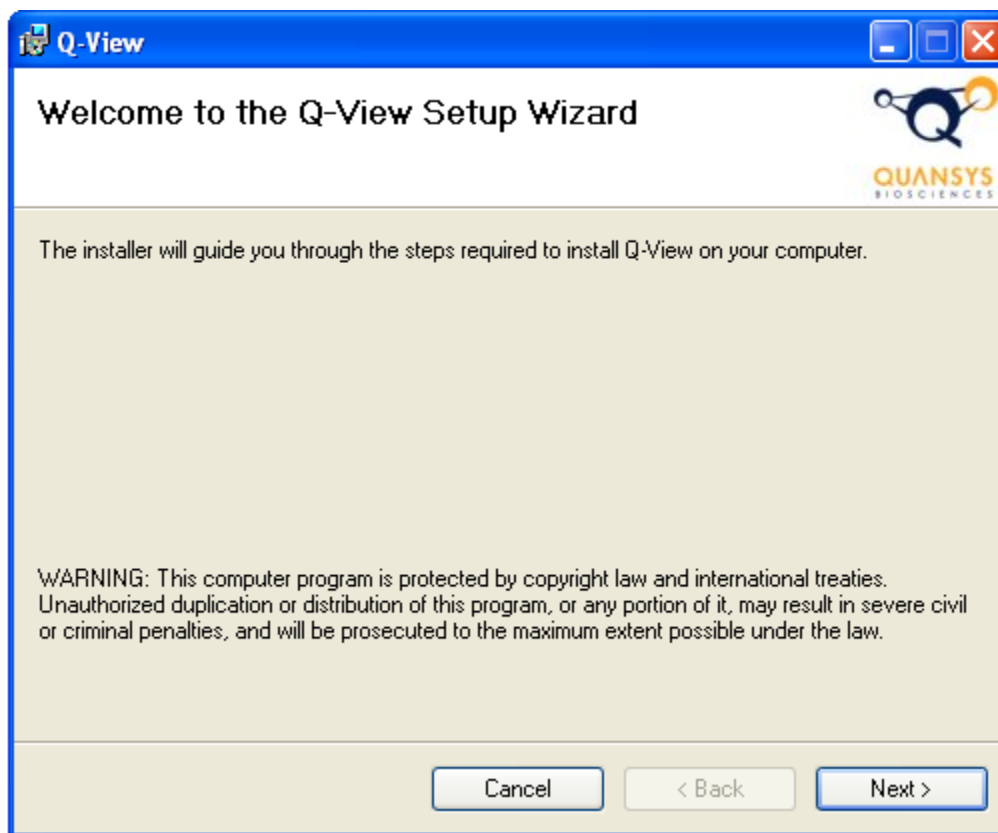
Close any open programs, and then install the software by completing the following steps:

1. Insert the CD. The following dialog box appears.



If this is an upgrade, uninstall the previous package before installing the upgraded version by selecting **Uninstall**. You can also uninstall the previous package by following the instructions in the “Uninstalling the Software” section on page 25.

2. Select **Install**, and then select **Accept** to accept the terms of the pending license agreement. The system prepares for the installation to take place, then the Q-View™ setup window appears.



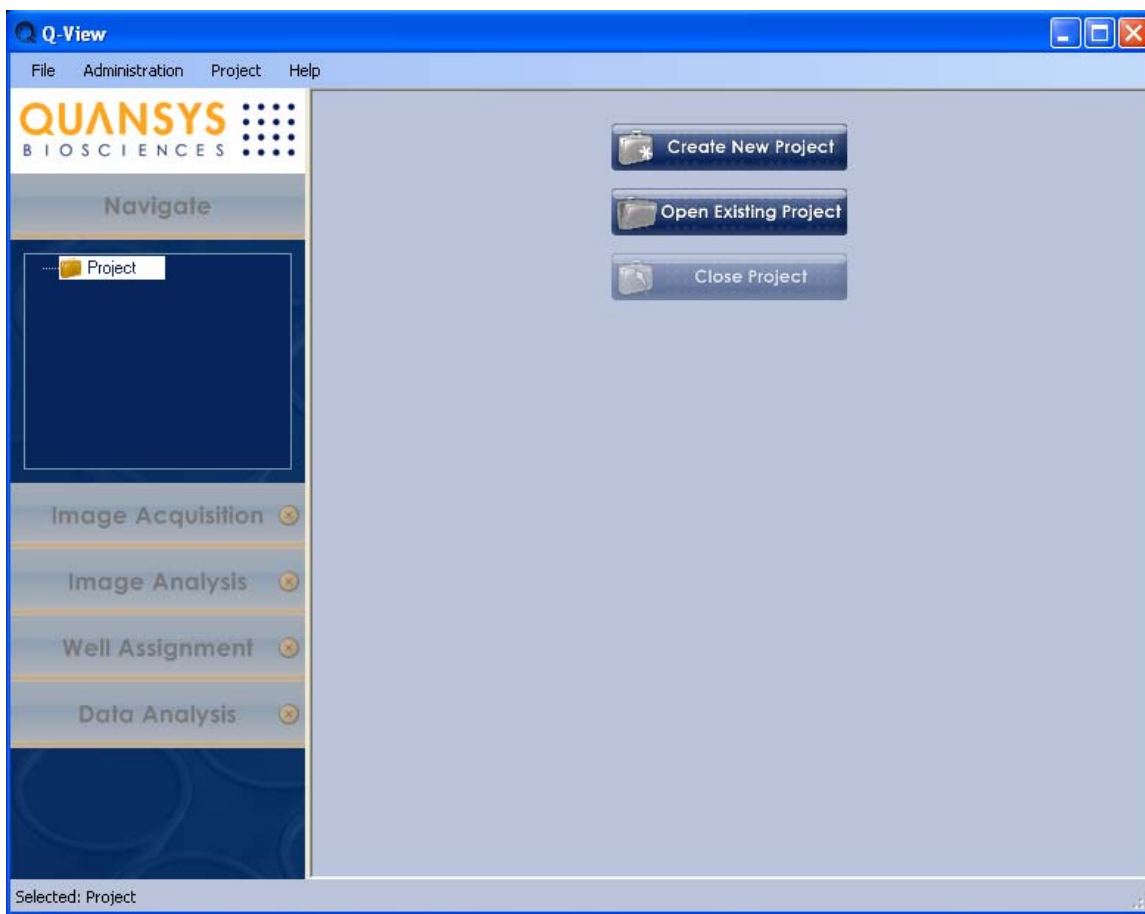
3. Select **Next** and follow the prompts on the screen to complete the installation. When prompted, insert the provided USB dongle into the computer. In order to process the software, this dongle has to be plugged into the computer that is using the software. If the USB dongle is lost or is not functioning, please contact customer support at 1-888-QUANSYS.
4. After you insert the USB dongle, the Install New Hardware wizard will run. Follow the prompts on the screen, and select **Close** when the wizard has finished installing the new hardware.
5. Once the software is finished installing, close the installation window. The software places a shortcut to the Q-View™ software on your desktop. After the installation process, select this shortcut to open and use the software.

## Working with Projects

Q-View™ is built with a project emphasis. To begin using the software, you will open or create a project. Each project will contain all images from each experiment and data and reports from each image. Each project can have a unique name and will house a line of experiments. A project is automatically saved as the software is used and can be accessed at any time.

Using the tabs on left side of the Navigation Bar (shown in the following image), you can access the five major functions of the Q-View™ Software: Navigate, Image Acquisition, Image Analysis, Well Assignment and Data Analysis. You can also

access many of these functions through buttons that will appear on the Q-View™ main screen at appropriate stages as you work with your projects.



Typically you will start by acquiring an image, whether via the Q-View™ Imager or by importing your own image file. Once the image is acquired and uploaded into the project, you will analyze the image. This is the process of adjusting the image so spots are easily visualized. An overlay is then placed over the image to assist in the auto-spot finding feature. Once the spots are located, you will assign each well to be a sample, control, standard or negative. After assigning the wells, the software will process the data and output a raw data or report form with corresponding graphs or charts. Following this process for each image will ensure accurate data. After you perform each step, an auto-save feature stores the information within the project. These steps are explained in more detail in the following subsections.

### ***Creating or opening a project***

From the **File** menu or the buttons on the Q-View™ main screen, select **New Project** to create a new project, or **Open Project** to open an existing project. Selecting either option will enable you to begin using the software.

- If you select **New Project**, a Save As dialog box will appear. Type a file name, navigate to where you want it saved, and select **Save**.

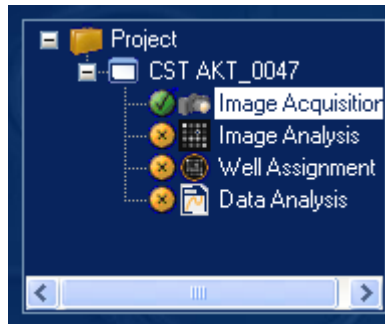
- If you select **Open Project**, an Open dialog box will appear. Navigate to the file you want and select **Open**.

### ***Closing a project***

To close a project, select **File > Close Project** or the **Close Project** button on the Q-View™ main screen.

### ***Viewing the status of your projects***

Select the **Navigate** tab on the Navigation Bar, and a schematic of each project and image appears.



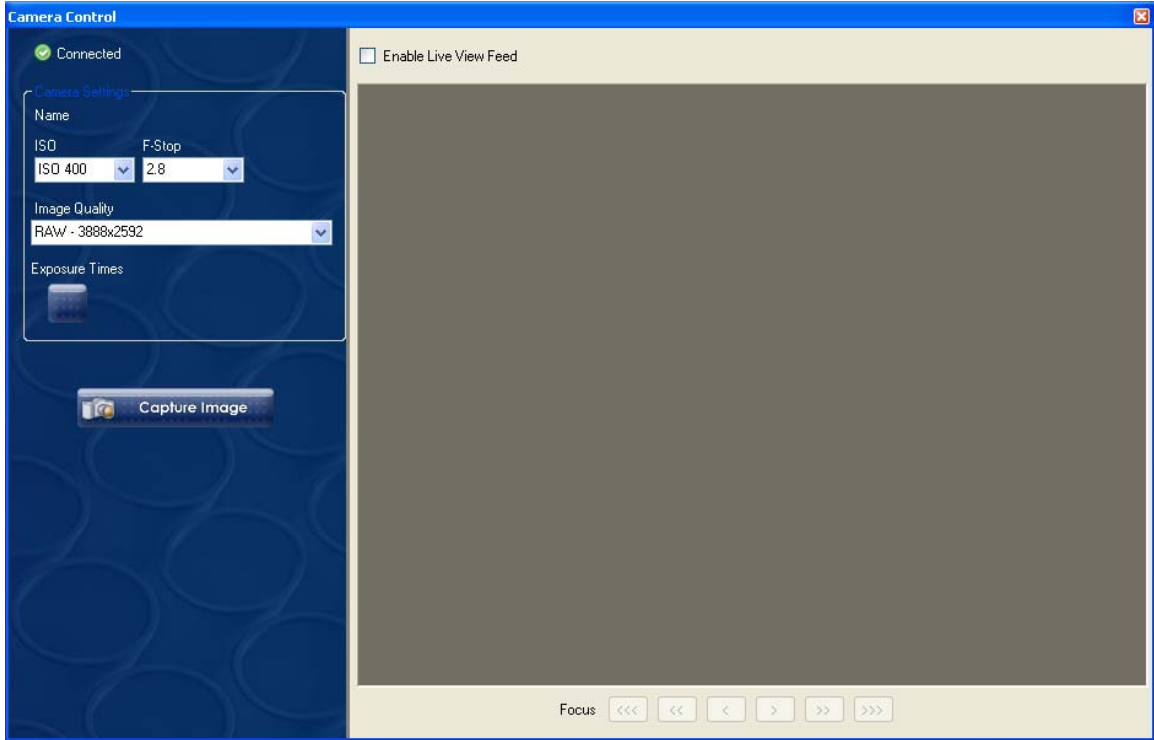
Below each image name is the list of the four steps needed to analyze an image: Image Acquisition, Image Analysis, Well Assignment and Data Analysis. If work has already been completed on one of the steps, a green check mark will appear beside it; if not, a yellow X will be present.

### **Acquiring an Image**

Activating the **Image Acquisition** tab on the Navigation Bar enables you to acquire an image via two methods, directly from a Q-View™ Imaging System or by importing an image file (CR2, TIFF, or JPEG). You can also use the Capture Image and Import Image buttons on the Q-View™ main screen.

#### ***Acquiring an Image from a Quansys Imaging System***

To acquire an image from a Quansys imaging system, select **Image Acquisition > Imaging System** from the Navigation Bar or the **Capture Image** button on the Q-View™ main screen. A camera control window appears.



If the camera is recognized, “Connected” appears in Green in the top left corner of the dialog box. If the camera is not recognized, “Not Connected” appears in red. Please contact customer support at 1-888-QUANSYS for assistance in establishing a connection with the camera.

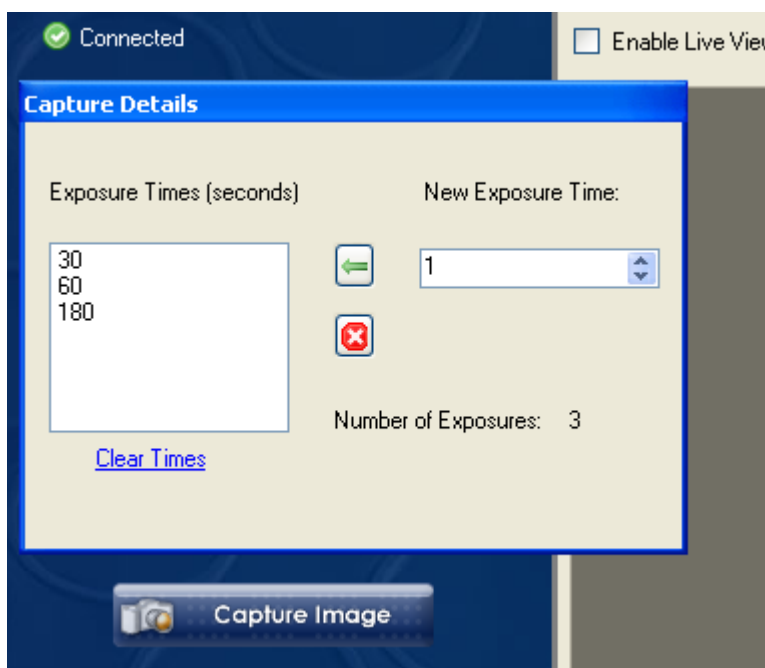
If the camera is connected, type the desired settings in the ISO, F-Stop, Exposure time and Image Quality fields. Recommended settings are as follows:

ISO: 400

F-Stop: 2.8

Image Quality: RAW

The Exposure Times setting can be accessed by clicking on the Exposure Times button.



**Exposure Times:** These times can be modified to meet your specific assay, but 30, 60, and 180 second exposure times are recommended for most assays. Once set, one can exit the Exposure Times dialog by mousing outside of the dialog box.

Once the settings are adjusted accordingly, place the plate in the Imager and shut the door. Click the capture button. The image will then be displayed in the Q-View™ main screen.

### ***Acquiring an Image by Importing an Image File***

Q-View™ software can process images in the following formats: CR2 (raw image files from Canon cameras), TIFF, JPEG, PNG and BMP. Users should review [www.quansysbio.com/support/imagers.html](http://www.quansysbio.com/support/imagers.html) for more information on what imaging systems can be used with Q-Plex™ technology. Images should be taken from cameras with high resolution.

To acquire an image by importing an image file, select **Image Acquisition > Import Image** from the Navigation Bar or the **Import Image** button on the Q-View™ main screen. An Open dialog box will appear. Navigate to the file you want and select **Open**.

The time to upload the image will vary depending on the image file type and size. Once acquired, the image will appear in the Q-View™ main screen.

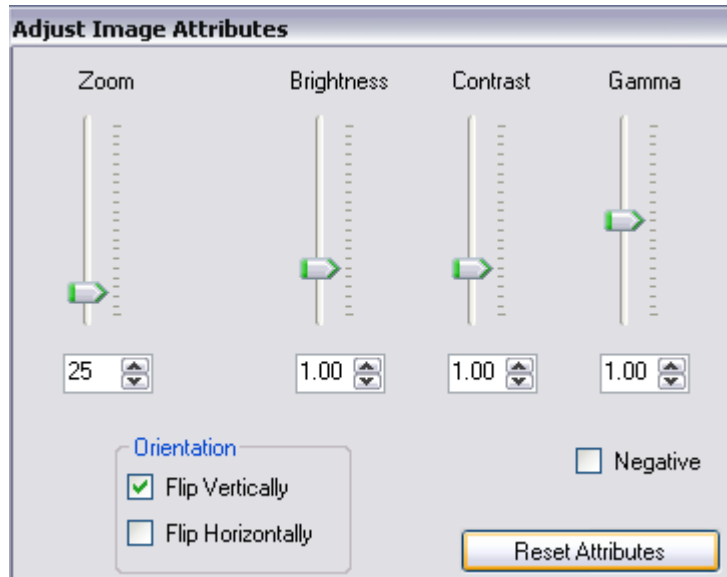
### **Analyzing an Image**

After acquiring an image, select **Image Analysis** from the Navigation Bar. Four tabs become available: **Image Tools**, **Export Image**, **Plate Alignment Tools**, and

**Manual Spot Tools.** To analyze the image, use these tabs as described in the following subsections.

### Using the Image Tools tab

With the **Image Tools** tab active, you can adjust the Zoom, Gamma, and orientation of the Image. Select **Advanced**, and the following window appears.



Adjust the settings of the image to enhance visualization of the spots within the array.

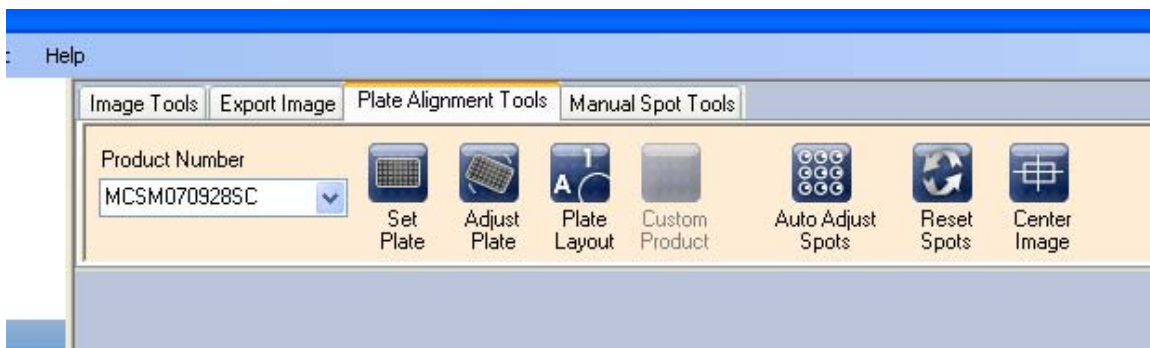
### Using the Export Image tab

With the **Export Image** tab active, select the **Export Image** button to export the image into one of the following formats: CR2, TIFF, JPEG, BMP and PNG. A Save As dialog box will appear.

Type a file name, navigate to where you want it saved, and select **Save**. The image is exported to the location you specified.

### Using the Plate Alignment Tools tab

Activate the **Plate Alignment Tools** tab, and a window similar to the following appears.



The following subsections will guide you through the process of aligning the plates.

### **Input product number – standard product**

Type the **Product Number** in the corresponding field. As you type the product number, the text will appear in red until the number is complete and the software recognizes the code. Once the software recognizes the code, the text turns black and the software automatically inputs the assays within the array, the concentration of the standards, and the circle spacing for the overlay.

If the software does not recognize the product number, follow the instructions for placing the overlay on top of the array for a custom product.

### **Input product number – custom product**

If you have a custom kit or your product number is not recognized, type CUSTOM into the **Product Number** field and a **Custom** button appears. Select this button, and a **Custom Product** box similar to the following appears.

Name	Concentration	Unit
*		

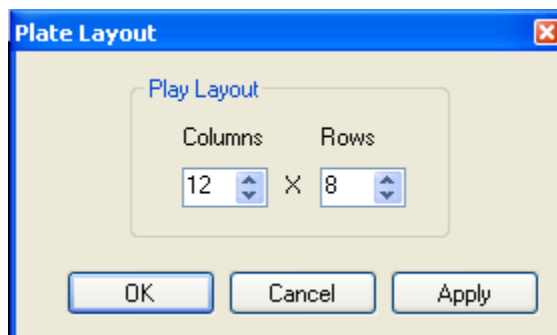
Select the spot density of your product and the respective spot radius and spacing. If you are unsure of settings, select **Fill In Defaults**. This will approximate spot diameter and spacing. Afterwards, type the assay name for each spot and enter concentrations with appropriate units. If this information is not input, then the data output will not be correct.

### **Moving the image within the display window**

With the image selected, the scroll wheel on the mouse will zoom in or out. Hold down the scroll wheel and drag the mouse to move the image. Select **Center Image** to automatically center the image in the display window.

## **Modifying the number of rows or columns to be analyzed**

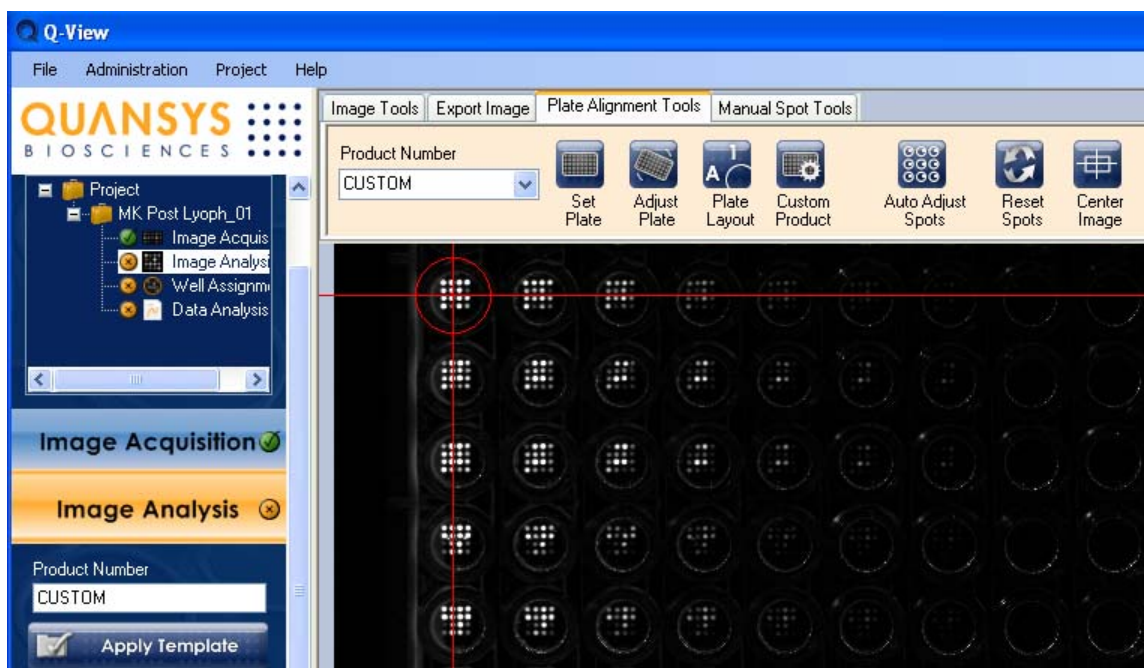
Select the **Plate Layout** button, and a dialog box similar to the following appears.



The specific number of rows or columns can then be analyzed.

## **Create a spot overlay**

In order to set the spot overlay over the window, select **Set Plate**. When the cursor is held over the image, a red circle with a horizontal and vertical line will appear.



Set the circle over the top left well in the plate. Click and hold down the left button and drag the overlay toward the bottom right well in the plate. Carefully hold and position the overlay until the circles are over the spots. Once the left button is released the overlay will stay over the image. If you wish to move the overlay, select **Adjust Plate** and pivot the overlay over the top left well or bottom right well.



Once the overlays are over the spots, select **Auto Adjust Spots**. Each circle in the plate will auto-find the spot. This process will find the spots within the array. If you want to undo the Auto Adjust Spots action, select **Reset Spots**, and the circles in the overlay will return to their preset location.

Wells with no sample or wells that respond close to background can cause the grid to be misaligned. If you observe this, select **Manual Spot Tools**.

### **Saving a template**

Once you have placed the overlay on top of the array, you can save it to be opened for a future plate. To save a template for a future plate, select **Save Template** on the Navigation Bar.

### **Opening a previously saved template**

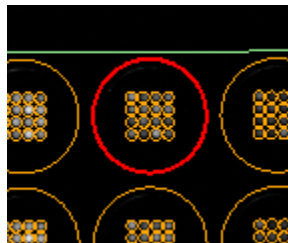
When opening a template, select **Apply Template**. The overlay template will be placed on the new image. Select **Auto Adjust Spots** to automatically find the spots. If this proves ineffective, readjust the positioning by selecting **Set Plate**.

### ***Using the Manual Spot Tools tab***

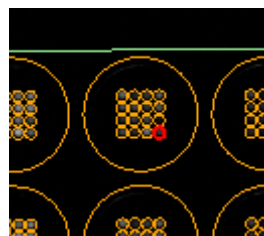
With the Manual Spot Tools tab active, you can manually place the grid or customize spot placement.

- If a grid is not placed correctly or a custom spot placement is needed, select **Adjust Wells**, and then select the well that the overlay recognizes. When selected, the well will change color from orange to red. Move the cursor over

the grid and click on the left mouse button. While holding the left mouse button down, drag the grid over the spots within the array.



- If only one spot needs to be moved, select **Adjust Spots**. Select the circle in the overlay that needs to be moved. The circle will turn from yellow to red when selected. With the circle selected, click and drag it where it is needed.



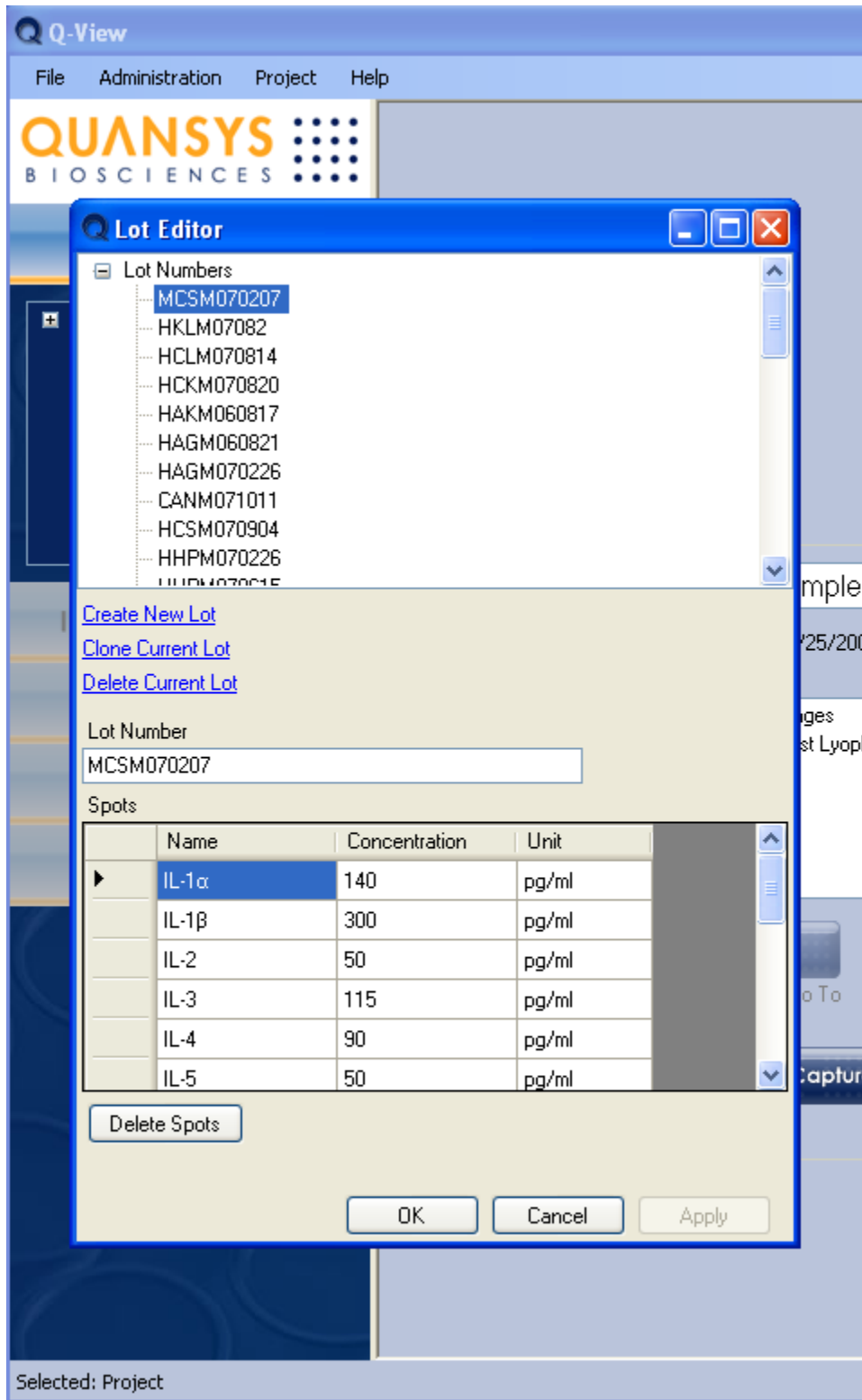
## ***Working with Products and Lots***

Each kit produced by Quansys Biosciences has a product code assigned to that unique kit. That product code will change as new lots of the same product are released. This number is preprogrammed into your software to automatically update all the respective concentrations and assays into the software. When you type in a product code, if it is recognized, the text will turn black. If it is not recognized, you need to acquire an update. This process is more clearly described in the sections “Importing Update Files from the Internet” (page 24) and “Importing Update Files from a Memory Device” (page 25).

In the rare event that a custom lot or product is needed, you can custom design the lots and products to match your specific applications.

## ***Defining Lots***

To define lots, select **Administration > View/Edit Lot Definitions**, and then select any of the lot numbers to display the assays (IL-2, etc.) and concentrations of each lot.



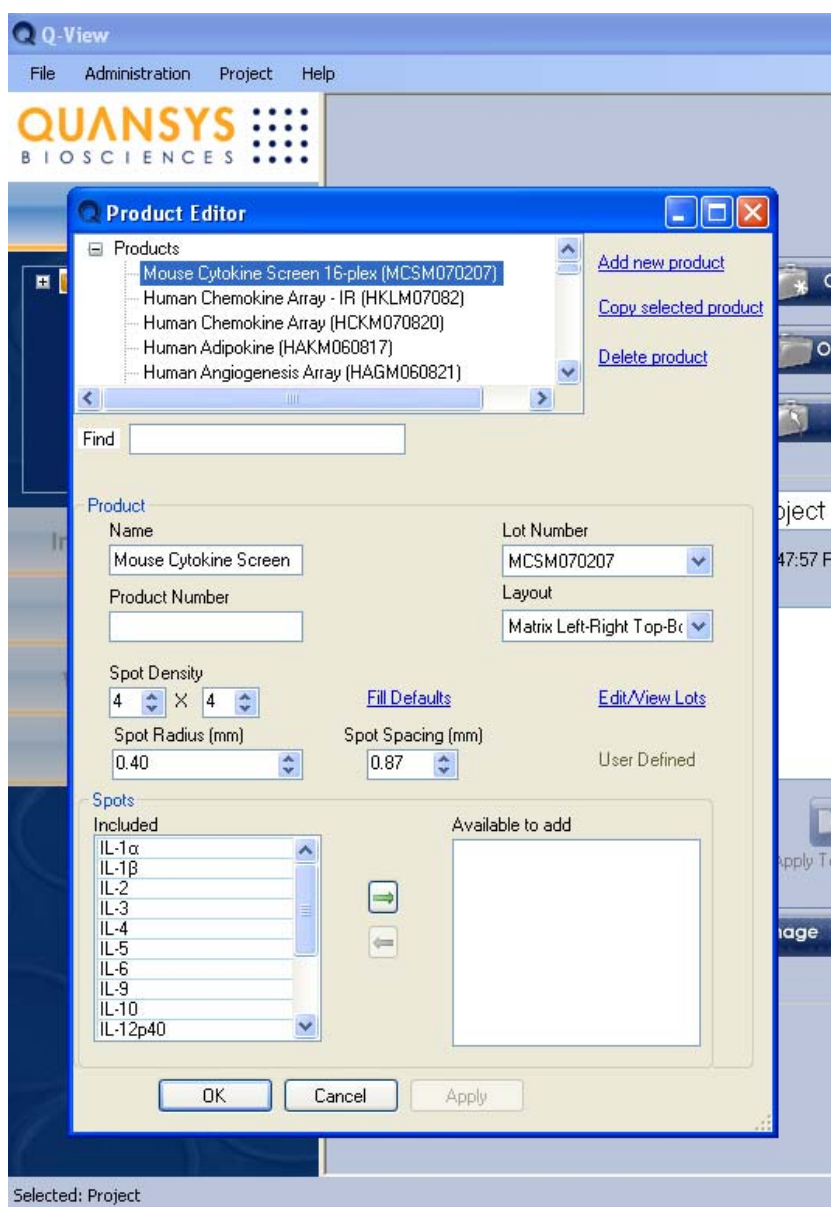
- To create a new lot for custom applications, select **Create New Lot**. Then, type the name, concentration, unit and LLD in the Spots window.

- To modify a lot, select the lot and type changes in the fields in the Spots window.
- To clone, or copy, an existing lot, highlight the lot and select **Clone Current Lot**. After cloning the lot, you can modify it by editing the fields in the Spots window.
- To delete a lot that is not needed, highlight the lot and select **Delete Current Lot**.

Select **Apply** to finish defining lots.

## Defining Products

To view a list of products supported by the data analysis function within the software, select **Administration > View/Edit Product Definitions**.

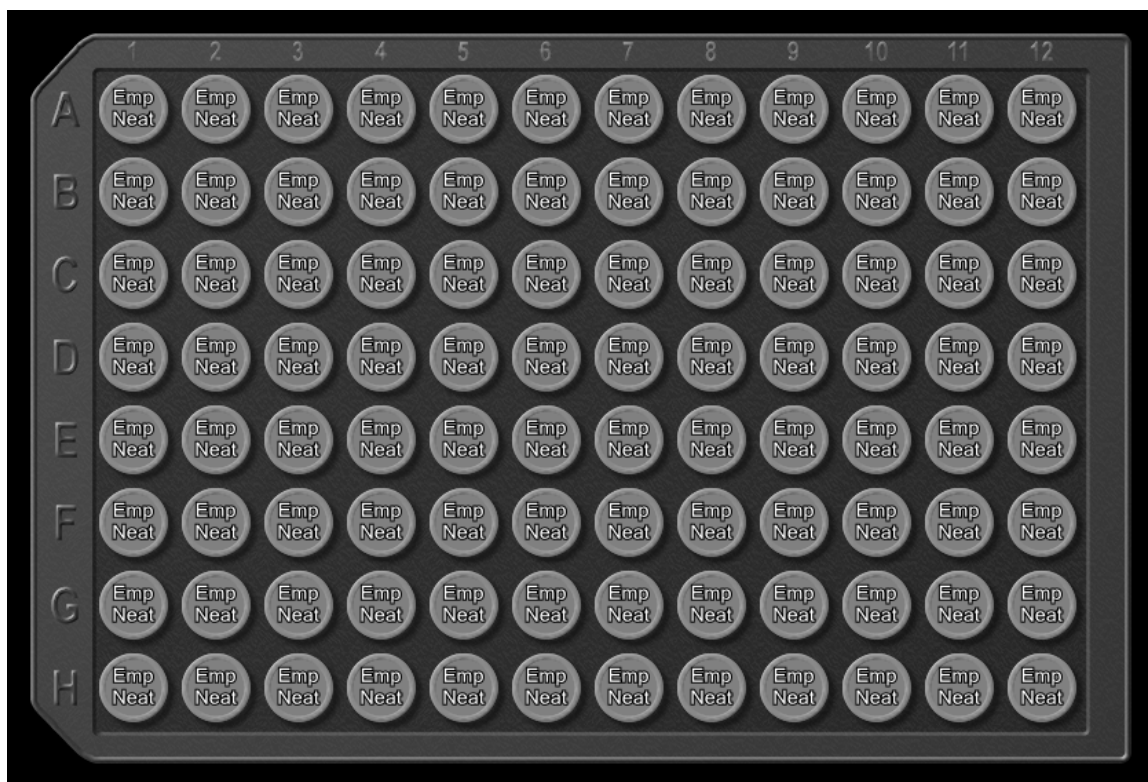


- To add a new product, select **Add new product**. Type the corresponding information in the fields available.
- To modify the number of spots within the array and the array spacing, select the product and type changes in the fields available. The array spacing feature is important as it creates the overlay that will recognize the array of spots.
- To copy a product, highlight the product and select **Copy selected product**. After copying the product, you can modify it by typing changes in the fields available.
- To delete a product that is not needed, highlight the product and select **Delete product**.

Select **Apply** to finish defining products.

## Assigning Wells

Once you have analyzed an image, select **Well Assignment** from the Navigation Bar to specify what sample or control is added to each well of the plate. A blank plate appears.



There are two tabs within **Well Assignment: Groups** and **Dilutions**. To assign wells, use these tabs as described in the following subsections.

## Using the Groups tab

Use the mouse to select wells by clicking and dragging from the top left to the bottom right of the wells that are needed. If the wells are selected, they will turn light green. After the wells are selected, type a group name in the **Group Name** field. You can also place the cursor in the dialog box and input the sample code via barcode. Once the name is placed, select the type of well, such as Sample, Standard, Control or Negative. The name will appear over the wells and the color will change, green for Controls, grey for Negative Controls, orange for Samples or blue for Standards.



If the standard curve is desired, select all the wells within the standard including the replicate if necessary. Make sure to exclude the negative control well and click on the standard button to register the change.

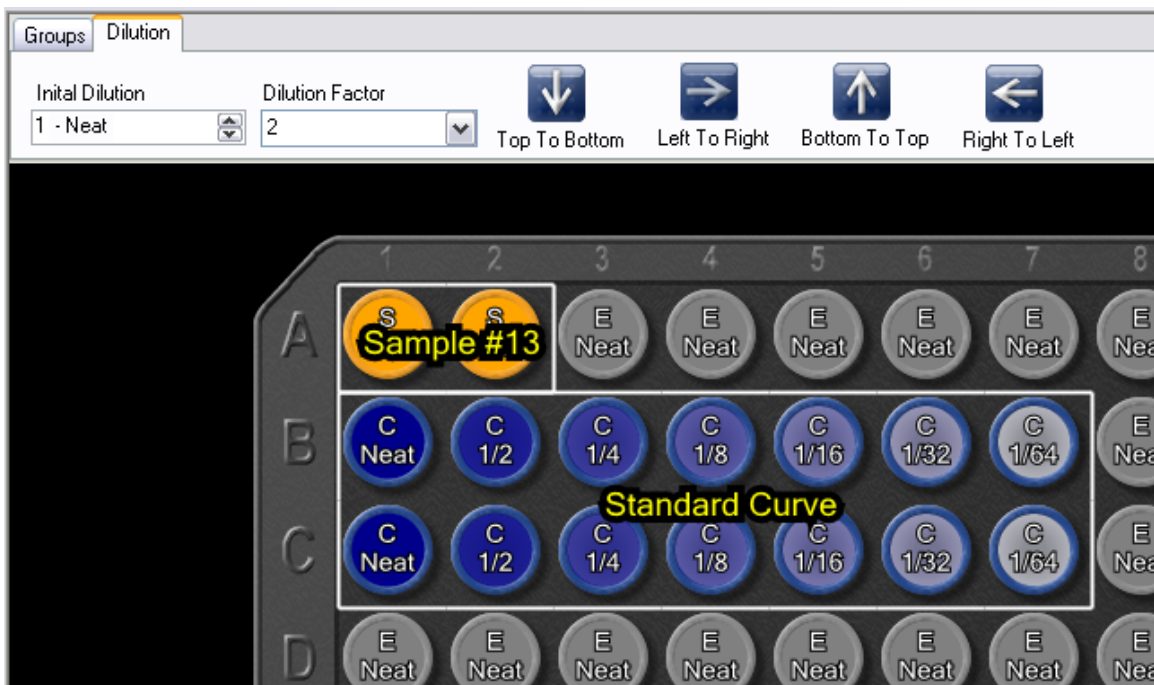


If you do not want to see the name placed over the wells, unselect the **Show Group Name** box at the top right of the window.



## Using the Dilution tab

After selecting the types of wells that are used, you can identify whether those wells are oriented in a dilution series or replicates. If they are replicates, you need only select the dilution factor of those replicates. However, if the sample or standard curve is a dilution series, you should designate that here. When those respective wells are selected under the **Groups** tab, open the **Dilution** tab and select the initial dilution of the first well. Then, set the dilution factor, i.e. 1:2, 1:4, etc. This information is critical, because as the data are analyzed, the software will use these settings to establish calculations based on dilution factors and dilutions series. It is important that after you set either an initial dilution or dilution factor that you click the **Top to Bottom** button even though a dilution series is not present. This registers those changes to that well.



## Using templates

Once you create a template that you want to use in the future, save the template by selecting the **Save Template** button on the Navigation Bar. You can reopen the template with new images if the sample layout is the same or similar by selecting the **Apply Template** button on the Navigation Bar.

## Analyzing Data

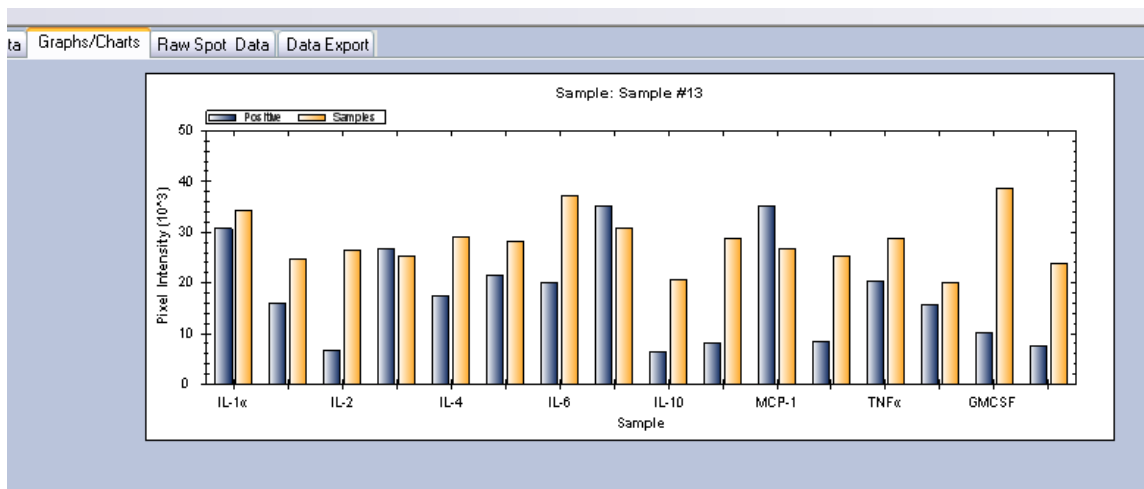
Once you have assigned wells, select **Data Analysis** from the Navigation Bar. There are six options for data output. Access the option you want by selecting the corresponding button on the Navigation Bar. These options are also available on the Q-View™ main screen when the Parameters tab is active. Each option is described in the following subsections.



## Data Output Options

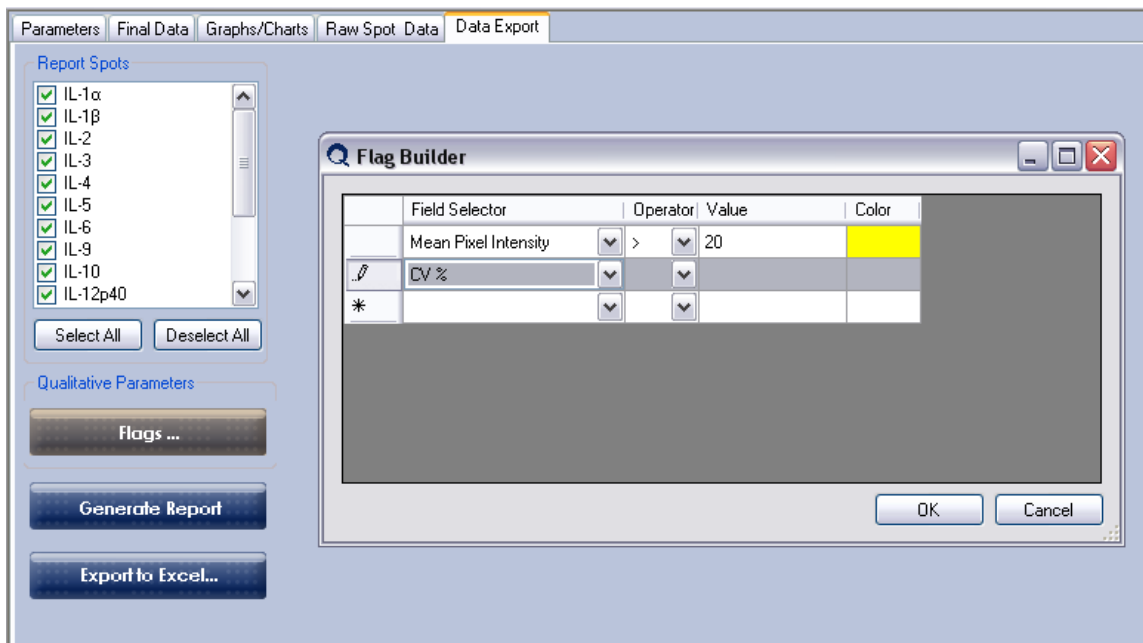
### Qualitative Charting

The Qualitative Charting option generates charts showing each assay. The positive tab reflects the wells that were designated as Controls, and the Negative reflects the Negative wells. The Sample bar represents that specific sample. Raw data are available for these charts as well.



With the **Data Export** tab activated, you can set specific flags on the data. These flags will highlight specific samples that have raw pixel intensities, concentrations or

%CVs that are above or below specific values. The flagged samples will be highlighted the selected color in the report.



## **5 PL Regression**

This method is used and cited often in the literature as the ideal method for analyzing ELISA standard curves. Within the graphs/charts tab, the user can see all regression statistics and fitting parameters.

## **4 PL Regression**

This method is a less complex method than the 5 PL regression. It is also cited often in the literature as an acceptable method for analyzing ELISA standard curves. Within the graphs/charts tab, you can see all regression statistics and fitting parameters.

## **Log-Log Regression**

This method uses log based regression on both the X and Y axes.

## **Point to Point**

This method is also known as spline analysis. The unknowns are determined by the straight lines between each standard point.

## **Linear Regression**

This method takes the best fit line for the whole standard. You should carefully review the standard data as this is most likely not the ideal data output for standards provided in the Q-Plex™ kits.

Once the appropriate regression tab is selected, the software will prepare all the data and graphs. The tab options are Final Data, Graphs/Charts, Raw Spot Data and Data Export.

## Viewing Data on your Screen

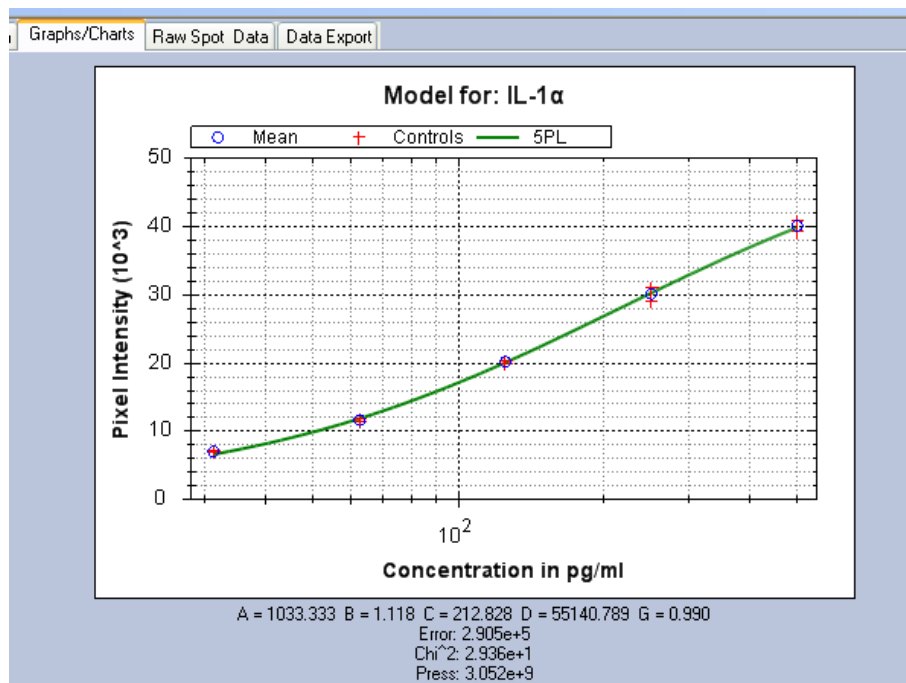
### Final Data

The **Final Data** tab displays both the raw data (pixel intensity average for each spot) and the calculated concentration for each assay (spot) within the array. It also reports the dilution factor of the sample. These data are available for each well or sample within the plate. Data for the concentrations for samples and controls are also available.

Spot Name	Pixel Intensity	Concentration	Dilution Factor
IL-1 $\alpha$	39284	500.000	neat 100.0%
IL-1 $\beta$	31348	500.000	neat 100.0%
IL-2	32448	500.000	neat 100.0%
IL-3	25641	500.000	neat 100.0%
IL-4	33818	800.000	neat 100.0%
IL-5	33792	800.000	neat 100.0%
IL-6	47011	500.000	neat 100.0%
IL-9	36147	1000.000	neat 100.0%
IL-10	25412	500.000	neat 100.0%
IL-12p40	35059	500.000	neat 100.0%
MCP-1	31903	500.000	neat 100.0%
IFN $\gamma$	35118	500.000	neat 100.0%
TNF $\alpha$	33697	500.000	neat 100.0%
MIP-1 $\alpha$	25085	1500.000	neat 100.0%
GMCSF	43744	500.000	neat 100.0%
RANTES	28681	800.000	neat 100.0%

### Graphs/Charts

The **Graphs/Charts** tab shows charts for each assay within the array. Statistical data are available for each graph. You can click and drag areas in the graph to zoom in. To zoom out, right click and select Un-Zoom



### Raw Spot Data

The **Raw Spot Data** tab provides all the raw data for each spot within each well of the plate. If you choose to perform your own statistical review of the data, they can be exported (copy/paste) from here.

	Final Data	Graphs/Charts	Raw Spot Data	Data Export													
Well	IL-1α	IL-1β	IL-2	IL-3	IL-4	IL-5	IL-6	IL-9	IL-10	IL-12p40	MCP-1	IFNγ	TNFα	MIP-1α	GMCSF	RANTES	
: A1	39306	31337	32058	25641	33818	33600	46663	35738	25377	34825	31903	35118	34066	24910	43528	28618	
: A2	29184	17651	19917	24378	23510	22925	27804	25205	15501	22392	21487	15645	23076	15187	33894	18600	
: A3	20354	7447	10677	18319	15141	13392	10527	15581	8802	11859	12822	4486	13311	8416	22418	11145	
: A4	11465	3617	5566	12129	8936	6984	3733	8786	5484	6440	7351	1633	7642	4194	12615	6202	
: A5	7123	1811	3056	6699	5681	4074	1280	4584	2908	2968	4308	579	3582	2299	7031	2701	
re: A6	1135	713	533	569	774	887	609	579	545	535	546	428	540	496	585	506	
ole: ...	31134	38748	1053	22864	10035	3598	2777	50590	595	795	33588	1390	14495	6227	588	600	
ole: ...	29676	39337	1321	22364	9469	3617	3121	50829	699	1028	33750	897	14578	6016	537	716	
ole: ...	32430	39038	1491	22278	9562	3832	3160	51280	695	887	33273	2919	14858	6789	549	612	
2: A10	8369	8086	758	5982	2151	1502	727	23894	553	631	9292	668	3054	1091	465	603	
2: A11	7833	7915	635	6165	2718	1707	735	23686	609	568	8962	529	2705	1343	461	545	
2: A12	7200	7622	603	5941	2393	1757	834	23141	573	577	8480	605	2676	1443	512	1034	

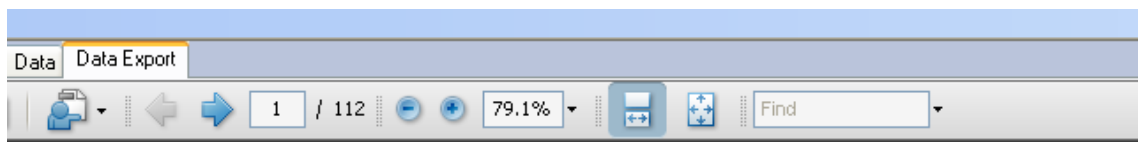
### Data Export

To prepare a report of your experiment, activate the **Data Export** tab. The reports can be quite extensive (ie. ~120 pages for 16-plex) due to the number of assays and number of samples per plate. Make sure you select the types of data that you want reported. First, select which assays you wanted in your report. You can also select the types of data you want to see, graphs, final results, raw data, etc.

Once you select the desired data types, set specific flags on the data. These flags will highlight specific samples that have raw pixel intensities, concentrations or %CVs that are above or below specific values. Select the color you would like to use to highlight the flagged samples in the report.

You can then prepare your report as a PDF document or an Excel file. The PDF report contains the data that are selected and can be printed or saved. Remember, the data can not be manipulated from this file type. When you prepare your report as an Excel file, Excel will automatically open with your report and prompt you to name and save the file before opening.

Remember that this file is quite large and will take a few moments to be processed. Please refrain from clicking on additional buttons while processing as that only complicates the report.



## Mouse Cytokine Array - Screen MCSM070928

4/21/2008 11:14:52 AM



### IL-1 $\alpha$

#### Pixel Intensity for: IL-1 $\alpha$

Row	1	2	3	4	5	6	7	8	9	10	11	12
<b>A</b>	28618	18600	11145	6202	2701	506	600	716	612	603	545	1034
	C	C	C	C	C	Neg	S	S	S	S	S	S
<b>B</b>	29790	19326	10498	5866	3864	571	4866	4520	4200	1842	1971	1554
	C	C	C	C	C	Neg	S	S	S	S	S	S
<b>C</b>	11877	3641	1155	712	8973	3805	1045	562	4787	1397	758	529
	S	S	S	S	S	S	S	S	S	S	S	S
<b>D</b>	11452	3239	1228	655	9916	3068	1030	739	4346	1572	863	642
	S	S	S	S	S	S	S	S	S	S	S	S
<b>E</b>	10023	3362	787	602	8612	2960	793	564	4231	1235	714	550
	S	S	S	S	S	S	S	S	S	S	S	S
<b>F</b>	10995	4537	1553	642	10434	2964	1062	555	10424	3619	1207	603
	S	S	S	S	S	S	S	S	S	S	S	S
<b>G</b>	10638	4787	1260	592	10890	3864	983	555	11957	2986	771	647
	S	S	S	S	S	S	S	S	S	S	S	S
<b>H</b>	11230	3576	1346	810	15649	3903	1356	503	13569	3628	1076	646
	S	S	S	S	S	S	S	S	S	S	S	S

## Administrative Functions

### *Importing Update Files from the Internet*

When Internet access is available, users can import their update files from the Quansys Biosciences website by selecting **Administration > Import Update from Internet**. We recommended you do this on a monthly basis to ensure your data are accurate with current lot information. The software will access databases at

[www.quansysbio.com](http://www.quansysbio.com) and download the new update file. The software will automatically upload and save the new file over older update files.

If not all computers on which you have installed Q-View™ software have Internet access, you should export the update file as instructed in the following section. This is critical as not using updated lot information can cause errors in the data.

### ***Exporting Update Files***

Exporting update files is sometime needed in the case that your PC is not connected to the Internet. You can export the update file from a PC on the Internet and save and copy the update file to the PC not on the Internet. To export update files, you should first obtain the update files as described in the previous section. Next, select **Administration > Export Update File**. Navigate to the folder in which you would like to save the update file, name the file, and select **Export**.

### ***Importing Update Files from a Memory Device***

To import update files, select **Administration > Import Update File**. Navigate to the memory device storing the update file, and select **Import**. Updating the latest information for new lots that have been released keeps the software up-to-date on all new lot specifications.

### ***Uninstalling the Software***

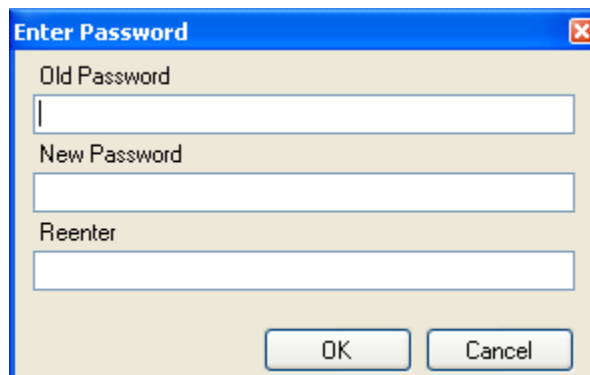
To uninstall this software, select **Start > Quansys > Q-View™ > Uninstall**. A series of instructions will appear. Follow these instructions to complete the uninstallation process.

### ***Unlocking the Software***

If the software is locked via an administrator password, the user cannot view lot and product definitions or alter the update file. To unlock the software select **Administration > Unlock Admin**. When prompted, type the correct password.

### ***Changing the Password***

You can change the administrator password by selecting **Administration > Change Admin Password**. When the following dialog box appears, type the old password, type the new password, and reenter the new password in the corresponding fields.



The image shows a standard Windows-style dialog box titled "Enter Password". It has a blue title bar with a close button (X) in the top right corner. The dialog contains three text input fields stacked vertically, labeled "Old Password", "New Password", and "Reenter". At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

### ***Using the Help feature***

To view a tutorial on using the software or to search specific questions or topics, select **Help > Help** from the Q-View™ main screen. You will be automatically directed to Quansys's website.