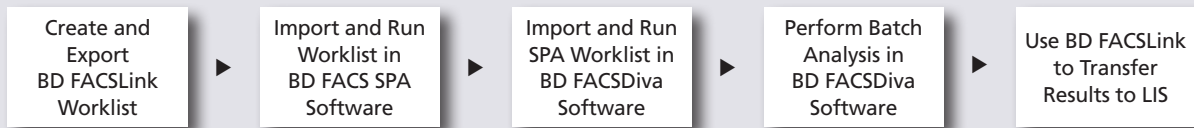# Quick Reference Guide for Using Custom Panels with BD FACS SPA and BD FACSDiva Software and the BD FACSLink LIS Interface

This guide contains instructions for using custom panels* created in BD FACSDiva™ software v6.1.3 and BD FACS™ SPA software versions 3.0.1 and 4.0.1 with the BD FACSLink™ laboratory information system (LIS) interface.
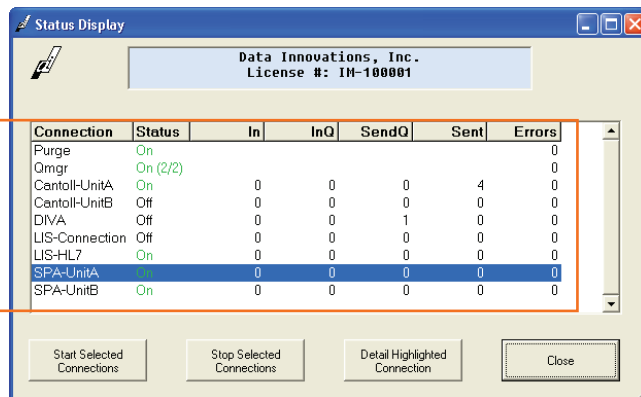
Workflow Overview

| Create and Export BD FACSLink Worklist | ▶ | Import and Run Worklist in BD FACS SPA Software | ▶ | Import and Run SPA Worklist in BD FACSDiva Software | ▶ | Perform Batch Analysis in BD FACSDiva Software | ▶ | Use BD FACSLink to Transfer Results to LIS |

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Creating and Exporting a Worklist in BD FACSLink (Instrument Manager) Software

1 Start Instrument Manager software and log in.

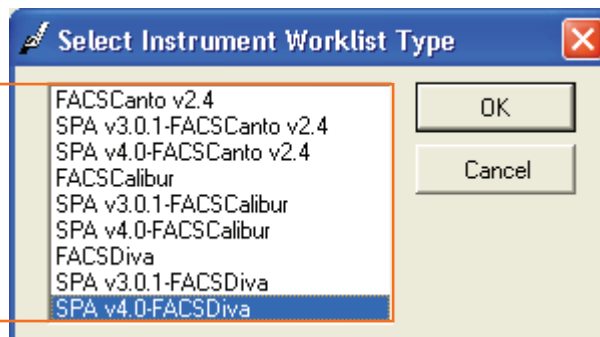**2** Select the appropriate connection in the **Status Display** dialog.

Select the **SPA** connection you want and then click the **Detail Highlighted Connection** button.

3 Display the **BD FACSLink** window and create a new worklist.
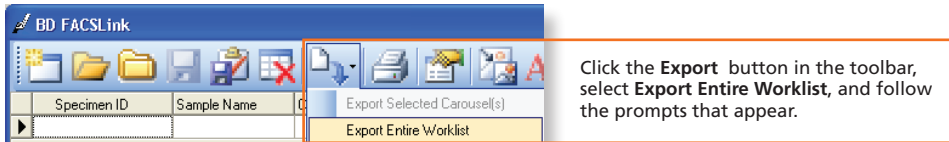
Click the **New Worklist** button.

Select the appropriate worklist type.

* For Research Use Only.
  Not for use in diagnostic or therapeutic procedures.

4 Enter the appropriate information in the **Specimen ID** and **Carousel ID** fields for each specimen.

5 Export and save the worklist.

Click the **Export** button in the toolbar, select **Export Entire Worklist**, and follow the prompts that appear.
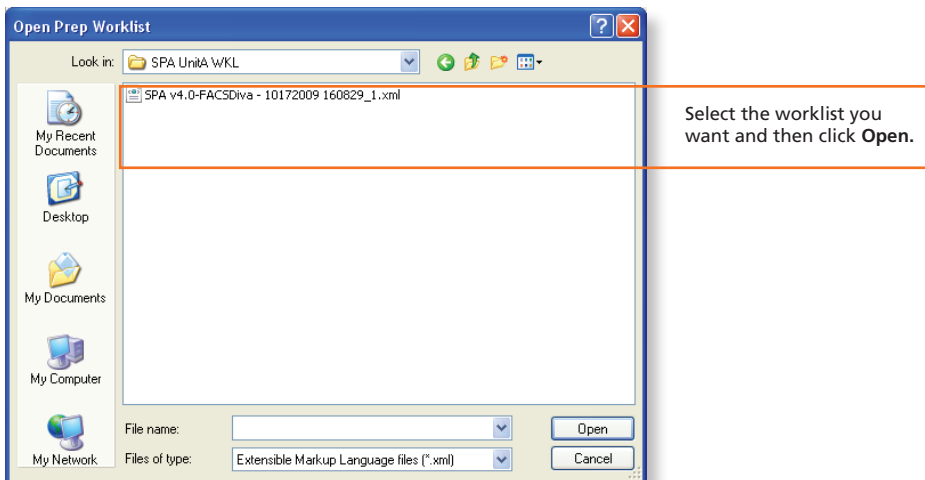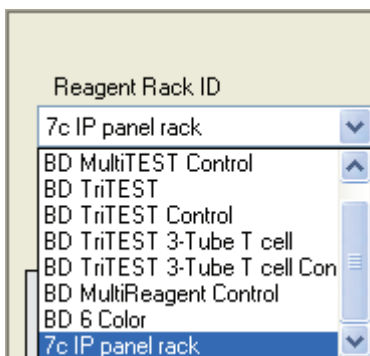
6 Exit BD FACSLink software.

Importing and Running a BD FACSLink Worklist in BD FACS SPA Software

1 Start BD FACS SPA software and log in.

2 Select **File > Open Prep Worklist**.

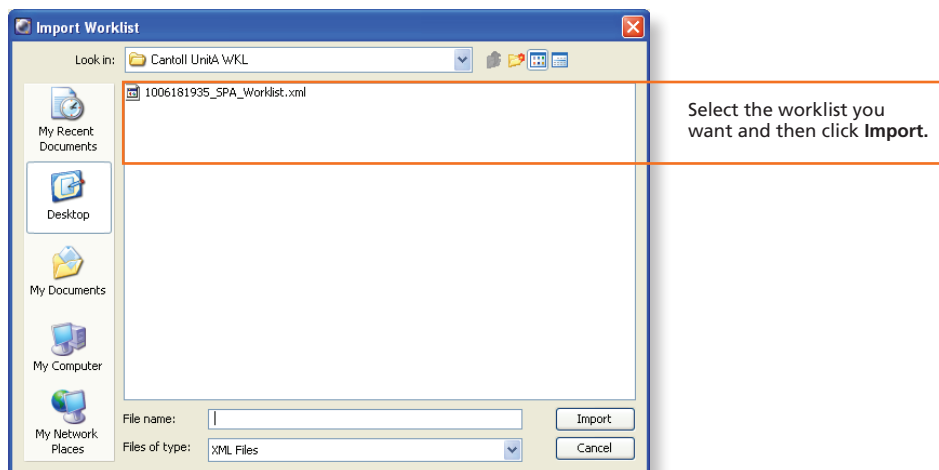Select the worklist you want and then click **Open.**

3 Select the reagent rack ID you want.

4 Click **Run**.

5 At the completion of the worklist run, click **Save** in the dialog that appears to save the completed SPA worklist.

6 Close the worklist and perform the SPA shutdown procedure, as needed.

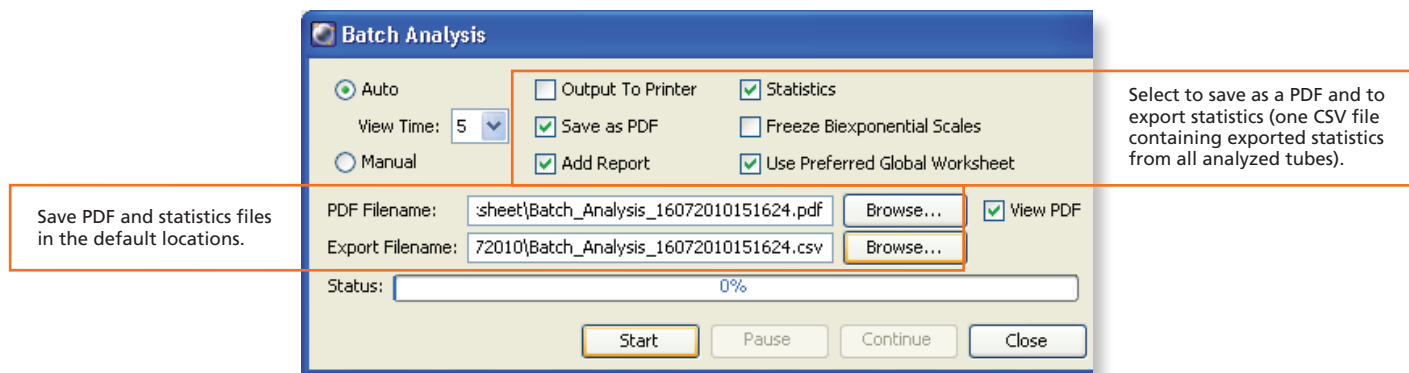# Importing and Running a SPA Worklist in BD FACSDiva Software

1 Start **BD FACSDiva** software and log in, if needed.

2 Select **File > Import > Worklist.**

Select the worklist you want and then click **Import.**

3 Verify settings in the **User Preferences** dialog if needed.

4 Select **Carousel > Carousel Setup** and verify settings.

5 Run the worklist.

Performing Batch Data Analysis in BD FACSDiva Software

1 In the Browser, right-click the experiment containing the data you want to analyze and select **Batch Analysis**.

2 Make appropriate selections in the **Batch Analysis** dialog.

Select to save as a PDF and to export statistics (one CSV file containing exported statistics from all analyzed tubes).

Save PDF and statistics files in the default locations.

3 If you need to adjust gates during batch analysis, click **Pause**, adjust the gates, and then click **Continue**.

Transferring Results to the LIS

1 Start Instrument Manager software and log in.

2 Select the appropriate **DIVA** connection in the **Status Display** dialog.

3 Display the **BD FACSLink** window and transfer results.

Click the **Transfer Diva Results** button and select the statistics file to transfer.

4 Exit the software.