

iChemExplorer™ Software Guide

Reaction Tray Selection

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Guide to Selection of Reaction Tray
Legacy Version 9 User Guides

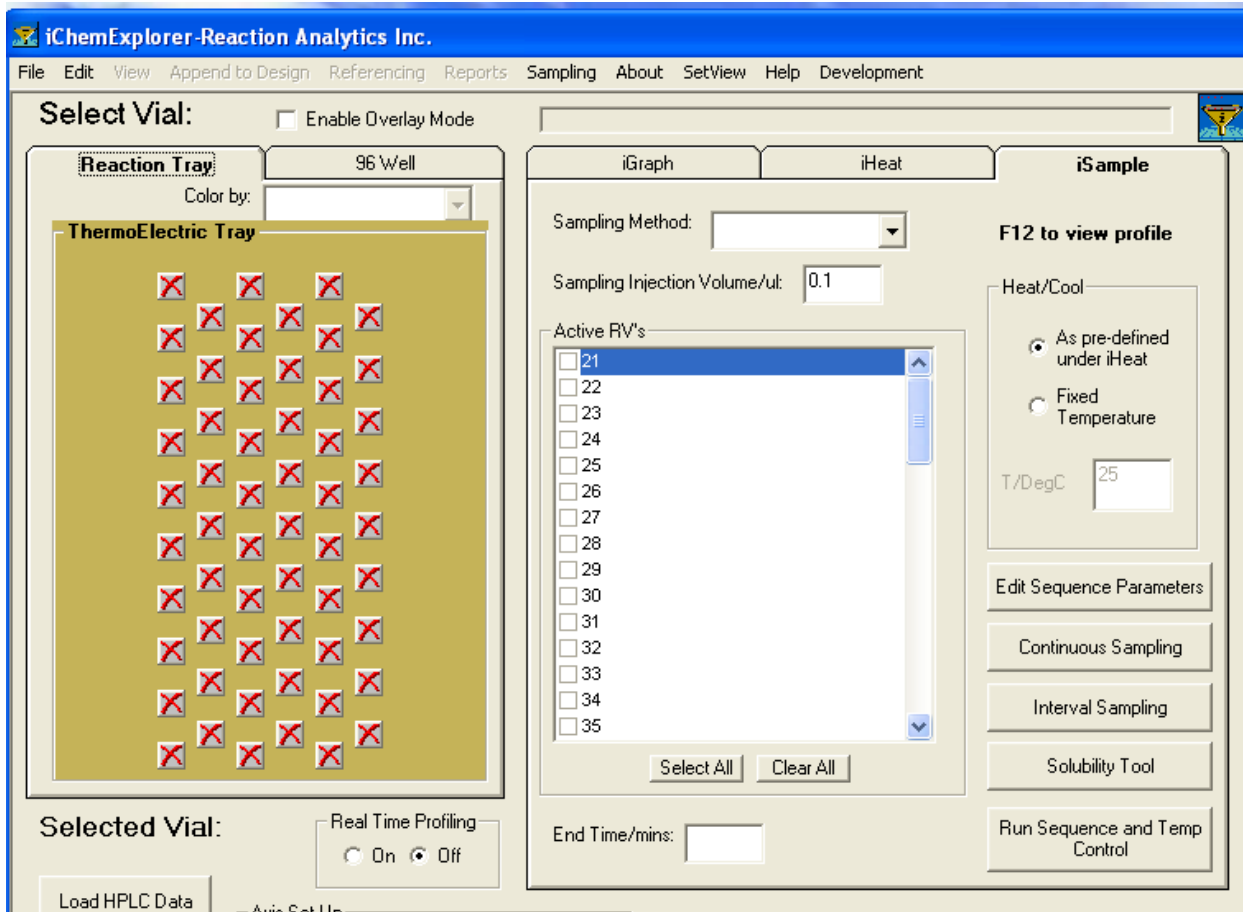
Go to File>Preferences>Reaction Tray

The screenshot shows the iChemExplorer-Reaction Analytics Inc. interface. In the background, the 'Select Vial' dialog is open, displaying a grid of vial icons under the 'ThermoElectric Tray' section. Overlaid on this is the 'Preferences' dialog, with the 'Reaction Tray' tab selected. The 'Reaction Tray' tab contains two main sections: 'Select Tray' and 'Default View'. In the 'Select Tray' section, the 'ThermoElectric Tray' radio button is selected. In the 'Default View' section, the '1.5ml Vial Reaction Tray' radio button is selected. A green rectangular box highlights these two sections. At the bottom of the 'Preferences' dialog, there is an unchecked checkbox for 'Launch in Sample-Quench View' and an 'Apply' button.



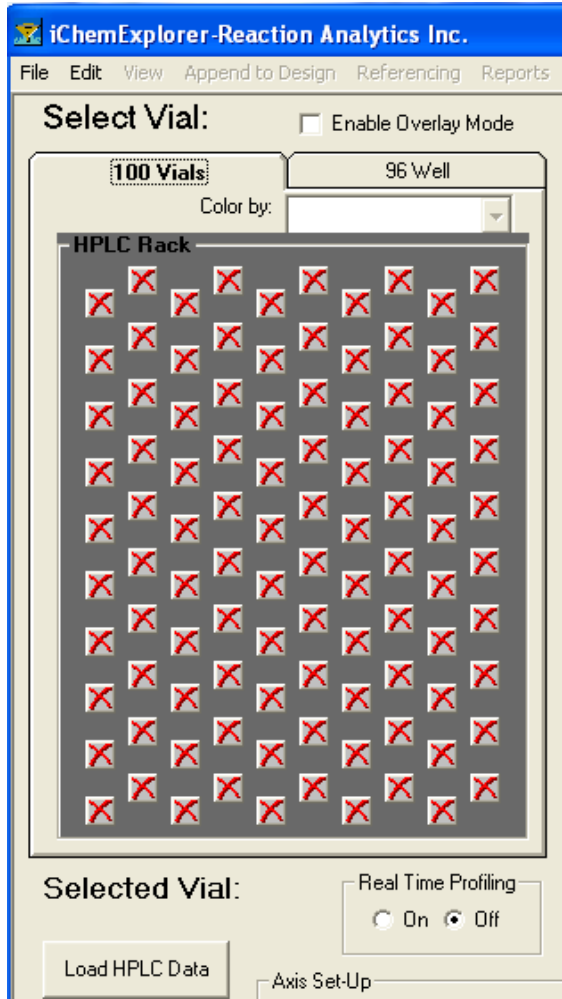
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How to Select the Reaction Tray



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Double Click on Tray to 100 position



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Change to Flowtray in Preferences

The screenshot shows the iChemExplorer software interface. The 'Select Vial' dialog is open, displaying a 96-well reaction tray grid. The 'Flow Tray' is highlighted in red, and the 'Reaction Tray' is currently selected. The 'Preferences' dialog is also open, showing the 'Reaction Tray' tab. Under 'Select Tray', the 'FlowTray' radio button is selected. Under 'Default View', the '1.5ml Vial Reaction Tray' radio button is selected. The 'Launch in Sample-Quench View' checkbox is unchecked. An 'Apply' button is visible at the bottom right of the preferences dialog.



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See Active RV List for Flowtray

The screenshot shows the 'iChemExplorer-Reaction Analytics Inc.' software interface. The 'Select Vial' dialog box is open, featuring a 'Reaction Tray' section with a '96 Well' grid. The 'Flow Tray' is highlighted in red, and each well in the grid contains a red 'X' icon. To the right, the 'Active RV's' list is displayed, showing a scrollable list of reaction volumes (RVs) from 22 to 65. The 'iSample' section on the right includes options for 'Heat/Cool' (As pre-defined under iHeat or Fixed Temperature) and a temperature input field set to 25 DegC. Buttons for 'Edit Sequence Parameters', 'Continuous Sampling', and 'Interval Sampling' are also visible.



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Change to iCEtray 6ml in Preferences

The screenshot shows the iChemExplorer interface. On the left, the 'Select Vial' window is open, displaying a 96-well plate layout with a 'ThermoElectric Tray' selected. Below it, the 'Selected Vial' section shows 'Real Time Profiling' set to 'Off'. On the right, the 'Preferences' dialog box is open, with the 'Reaction Tray' tab selected. Under 'Select Tray', 'ThermoElectric Tray' is selected. Under 'Default View', '6ml Vial Reaction Tray' is selected. An 'Apply' button is visible at the bottom right of the preferences dialog.



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See Active RV List for iCEtray 6 ml

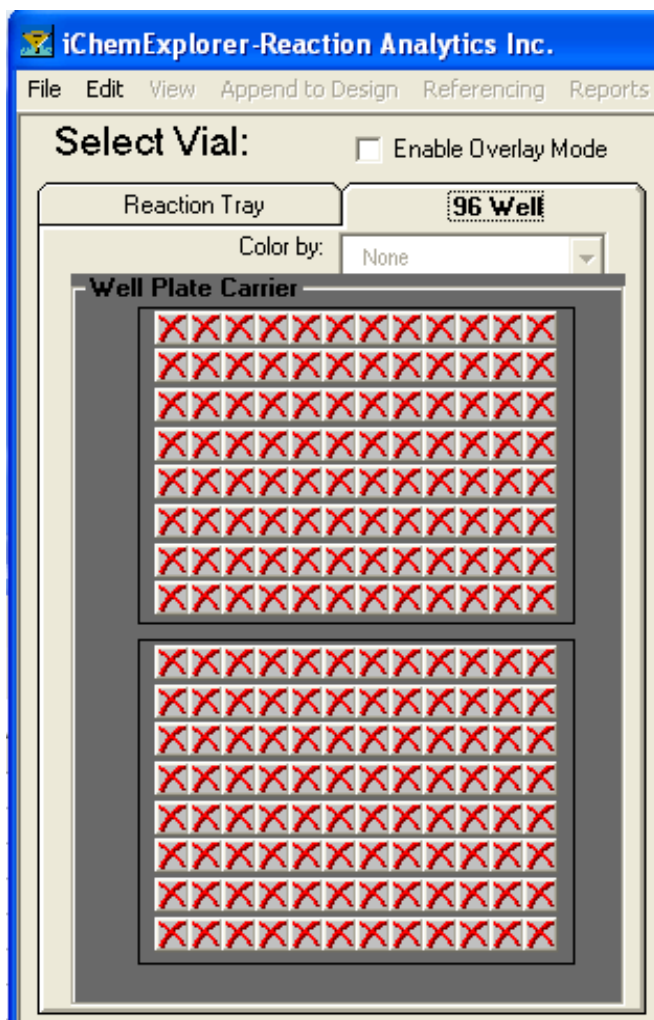
The screenshot shows the iChemExplorer-Reaction Analytics Inc. software interface. The main window is titled "Select Vial:" and includes a menu bar with options: File, Edit, View, Append to Design, Referencing, Reports, Sampling, About, SetView, Help, and Development. The interface is divided into several sections:

- 6ml Vial Tray:** A 4x4 grid of vials. A "ThermoElectric Tray" is overlaid on the grid, with red 'X' marks indicating the positions of the vials. A "Color by:" dropdown menu is visible above the tray.
- Active RV's:** A list of vial numbers (6, 7, 8, 9, 11, 12, 13, 14, 15, 101, 102, 103, 104, 105, 106) with checkboxes. Vial 15 is currently selected.
- Sampling Method:** A dropdown menu.
- Sampling Injection Volume/ul:** A text input field containing "0.1".
- Heat/Cool:** Radio buttons for "As pre-defined under iHeat" (selected) and "Fixed Temperature". A "T/DegC" input field contains "25".
- Buttons:** "Edit Sequence Parameters", "Continuous Sampling", "Interval Sampling", "Solubility Tool", and "Run Sequence and Temp Control".
- Other controls:** "Enable Overlay Mode" checkbox, "Real Time Profiling" (On/Off), "Load HPLC Data", and "Axis Set-In".



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Select 96 Well for Dual Well Plates



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Double Click for Sample-Quench

iChemExplorer- Reaction Analytics Inc.

File Edit View Append to Design Referencing Reports Sampling About SetView Help Development

Select Vial: Enable Overlay Mode

Reaction Tray **Sample-Quench**

Color by: None

Well Plate Carrier

ThermoElectric Tray

Selected Vial:

Real Time Profiling On Off

Load HPLC Data

Axis Set-Up

iGraph iHeat **iSample**

Sampling Method: [Dropdown]

Sampling Injection Volume/ul: 0.1

Active RV's

- 101
- 102
- 103
- 104
- 105
- 106
- 113
- 114
- 115
- 116
- 117
- 118
- 125
- 126
- 127

Select All Clear All

End Time/mins: [Input]

F12 to view profile

Heat/Cool

- As pre-defined under iHeat
- Fixed Temperature

T/DegC 25

Edit Sequence Parameters

Quench Tool

Kinetics Sampling

Run Sequence and Temp Control

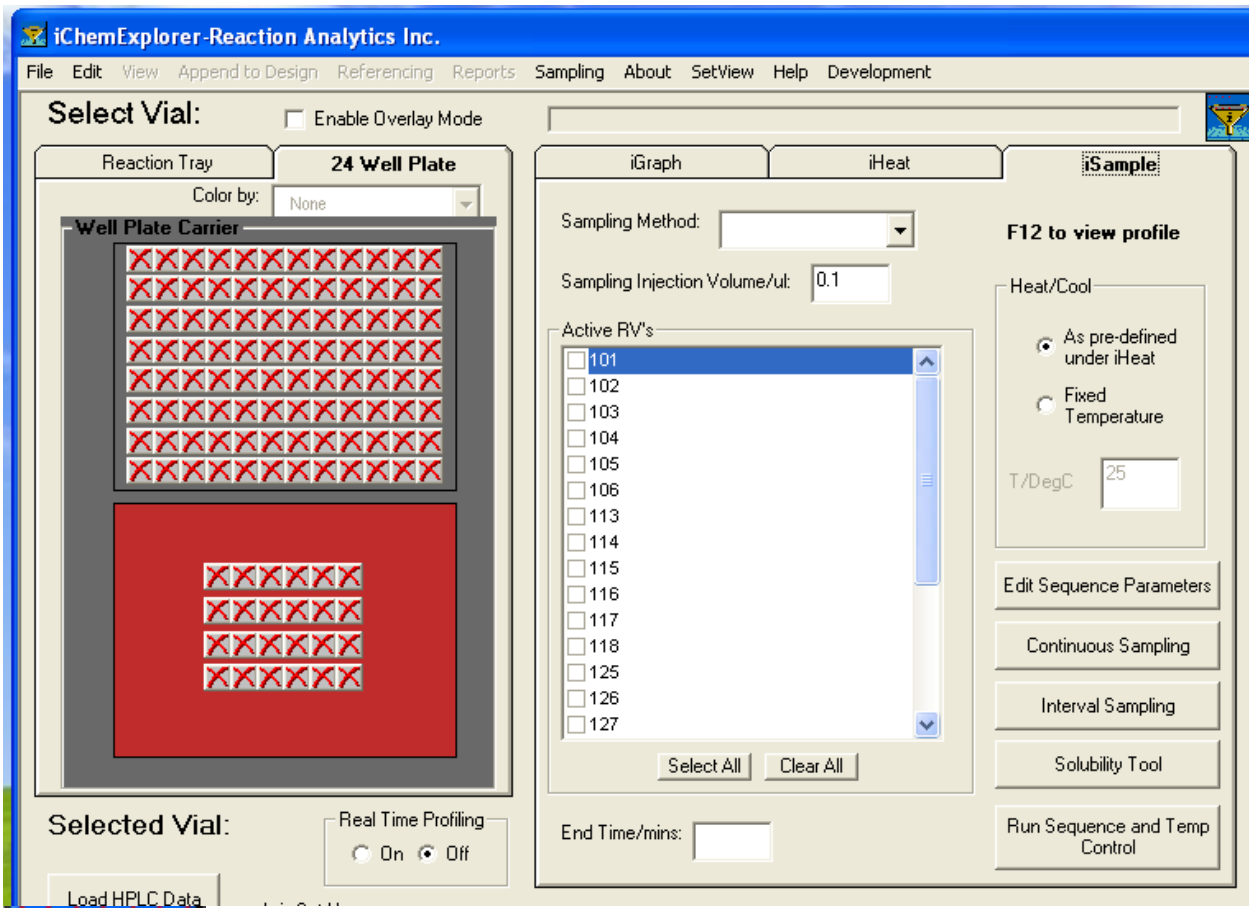
Peak Name Area%

- See lower well plate graphic change to Quenchplate
- See iSample Tool selections change to Quench Tool and Kinetics Sampling



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Double Click to Direct Inject from Quenchplate



- See iSample Tools for Direct Inject
- No Quench Tool with Direct Inject



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Select to Open iChem in Sample-Quench View

The screenshot shows the iChem Explorer interface. On the left, the 'Select Vial' dialog is open, showing a 'Well Plate Carrier' with a 10x10 grid of vials and a 'ThermoElectric Tray' with a 4x4 grid. The 'Sample-Quench' tab is selected. On the right, the 'Preferences' dialog is open, with the 'Reaction Tray' tab selected. Under the 'Default View' section, the '1.5ml Vial Reaction Tray' radio button is selected. A green box highlights the 'Launch in Sample-Quench View' checkbox, which is checked. The 'Apply' button is visible at the bottom right of the preferences dialog.



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