

HITACHI

Inspire the Next

MasterPlex®: Make Your Discovery

Introducing MasterPlex ReaderFit

Software for analyzing quantitative data generated by any 96-well plate reader.

Why ReaderFit?

Easy data import

- Flexible File importer allows the use of data from nearly ANY 96-well plate reader
- Analyze quantitative data from multiple instruments in your lab with one analysis tool

Automatic Standard Curve Fitting

- "Best Fit" feature automatically selects the optimal model equation and weighting algorithm
- Multiple curve-fitting algorithms including 4PL and 5PL and one of 4 weighting algorithms.
- On the fly recalculations for easy outlier exclusion

Flexible Custom Report Generator

- Spreadsheet style pivot charts
- Drag and drop to create your own custom report

Intuitive Tabbed User Interface

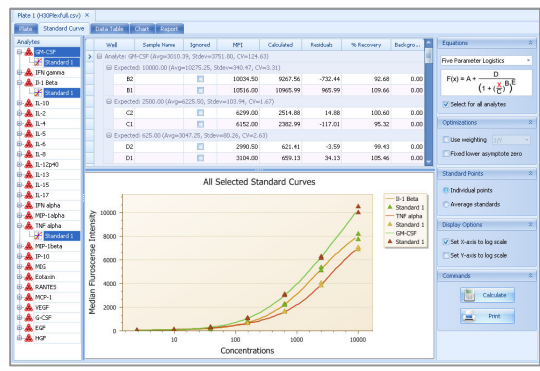
- Simple left to right workflow
- Context related items grouped in tabs

Powerful Built in Graphing Engine

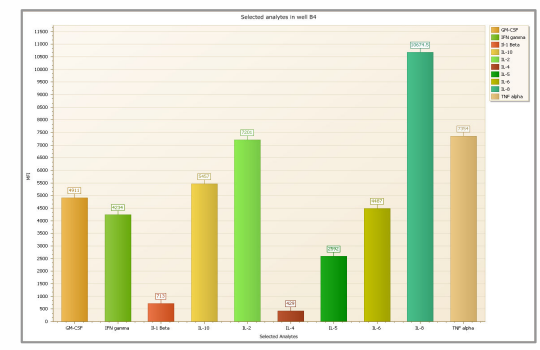
- Create customized publication quality charts and graphs with a few clicks

Informative Plate View of data

- Display multiple data points per well
- View statistical data for replicate groups at a glance
- Automatically detect outliers based on standard deviation within replicate groups, absolute thresholds for MFI, bead count or concentration.



	1	2	3	4	5	6	7	8	9	10	11	12
A	41.00	39.00	37.00	112.00	92.00	2426.50	41.00	36.00	48.00	80.00	42.00	40.00
B	10516.00	10204.50	66.00	4911.00	106.50	186.00	41.00	39.00	45.50	55.00	41.00	39.00
C	6152.00	6239.00	39.00	5011.00	65.00	43.00	62.00	40.00	45.00	40.00	37.00	40.00
D	3104.00	2790.00	41.00	5991.00	3069.00	113.00	38.00	44.00	40.00	42.00	36.00	40.00
E	1040.00	1094.00	45.00	3070.30	1888.00	270.00	49.00	40.00	56.00	47.00	39.00	45.50
F	181	223	201	165	218	223	245	216	191	204	190	262
G	108.50	104.00	45.00	107.50	111.00	70.00	41.00	39.00	526.00	41.00	44.00	40.00
H	156	259	207	182	211	210	189	222	191	227	211	199



Why MasterPlex?

Software is the interface to your experimental results and, more than anything else, sets different instrument systems apart.

Hitachi Software is a software company with a long history of providing best in class analysis tools to researchers.

MasterPlex protects your investment in any instrument beyond your current assay needs. It is regularly updated to support a growing variety of application areas and instrument platforms.

Make your 2D data come to life

"Copying and pasting" will be a thing of the past. Perform **multiplex analysis** from a single 2D plate and easily deduce biologically significant results.

Make sense of large volumes of data

Make sense of large volumes of data with an intuitive interface that replicates the layout of your plates and helps you navigate through each analyte's "layer" of data. View average, standard deviation and CV% for MFI values directly in the plate view without having to run a report.

Call 800-624-6176 To Order
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Publish and Export

Publish charts and custom reports in any format using highly customizable XSL templates, for easy integration with downstream databases or LIMS.

WELL	RFI	Count	RFI Average	Outlier
RFI Slider: 0.71				
Group Name: Unknown 15				
C11	29.50	150	37.50	<input type="checkbox"/>
C22	34.00	149	37.50	<input type="checkbox"/>
Group Name: Unknown 38				
H7	29.50	150	37.50	<input type="checkbox"/>
H8	34.00	150	37.50	<input type="checkbox"/>
RFI Slider: 1.41				
Group Name: Background 1				
A1	35.00	150	40.00	<input type="checkbox"/>
A2	38.00	192	40.00	<input type="checkbox"/>
Group Name: Unknown 10				
B11	32.50	200	40.00	<input type="checkbox"/>
B12	36.00	148	40.00	<input type="checkbox"/>
RFI Slider: 1.41				
Group Name: Unknown 14				
B11	41.00	141	41.00	<input type="checkbox"/>
B12	41.00	149	41.00	<input type="checkbox"/>

```

<!-- XSL Code Snippet -->
<xsl:if test="count($wells) > 0">
  <xsl:table border="1">
    <xsl:thead>
      <xsl:tr>
        <xsl:th>WELL</xsl:th>
        <xsl:th>RFI</xsl:th>
        <xsl:th>Count</xsl:th>
        <xsl:th>RFI Average</xsl:th>
        <xsl:th>Outlier</xsl:th>
      </xsl:tr>
    </xsl:thead>
    <xsl:tbody>
      <xsl:tr>
        <xsl:td colspan="5">RFI Slider: {RFI}</xsl:td>
      </xsl:tr>
      <xsl:tr>
        <xsl:td colspan="5">Group Name: {Group Name}</xsl:td>
      </xsl:tr>
      <xsl:tr>
        <xsl:td>{WELL}</xsl:td>
        <xsl:td>{RFI}</xsl:td>
        <xsl:td>{Count}</xsl:td>
        <xsl:td>{RFI Average}</xsl:td>
        <xsl:td>{Outlier}</xsl:td>
      </xsl:tr>
    </xsl:tbody>
  </xsl:table>

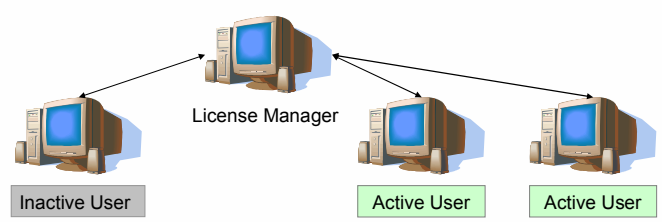
```

Database

LIMS

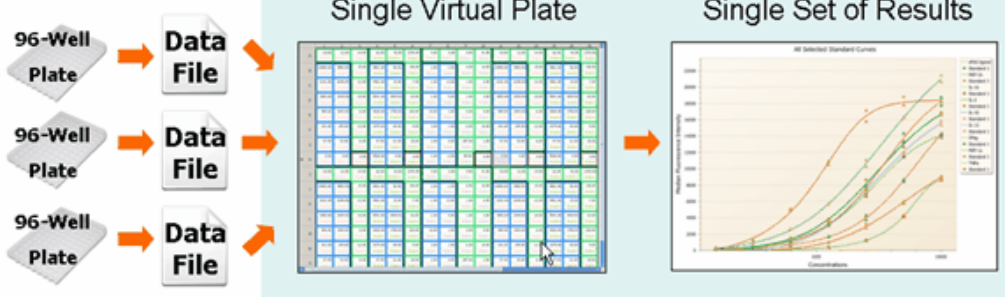
Share Licenses

Network licensing lets you install MasterPlex on as many computers as you need while only paying for software that you actually use.



Expand your Assays

Interpret data from **multiple** single plate experiments that are **merged** into a single **Virtual Plate** that is not bound by a conventional 8 X 12 plate.



Visit www.miraibio.com to learn more.

Flash demos and free, fully functional software trials are available.

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