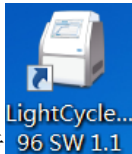


LC96 荧光定量 PCR 仪软件安装&数据分析流程

1. 软件安装：双击 Setup LightCycler96.exe 安装软件

关闭电脑防火墙和杀毒软件后再安装分析软件。若提示没有安装 DotNet Framework 4.0 或者 DotNet Framework 版本太低，则先安装 DotNet Framework 4.0（在 DotNet Framework 4.0 文件夹中，双击 dotNetFx40 Full x86 x64.exe 进行安装，安装配置无需更改，直接 Next、Yes、Ok 即可，直至安装完成）

2. 数据分析



(1) 双击 LightCycle... 96 SW 1.1 图标打开软件



(2) 点击软件工具栏 图标或快捷窗口 Open Experiment 选项打开需要分析的数据

(3) 样本编辑 Sample Editor:

- ① 清除未加样孔：打开 Sample Editor 中的 plate view 选中全部没有加样的孔位，点右下角 清除这些孔位（必须清除未加样孔，否则会影响背景扣除相关参数；如删孔时操作有误，可用右下角 复原后再操作）


- ② 在右侧 Reaction properties 界面编辑样品信息（非必须，根据需要操作）


The screenshot shows the LightCycler 96 software interface. The main window is titled "LightCycler@ 96" and has a menu bar with "File", "Tools", "Options", "Window", and "Help". Below the menu bar are icons for file operations and a "Roche" logo. The main area is divided into several sections:

- Plate View:** A grid of 96 wells (rows A-H, columns 1-12). The first three wells in row A are highlighted with a red box and labeled "首先选中需要编辑的样本". Each well contains "Sample 1 None", "Sample 2 None", "Sample 3 None", etc.
- Reaction Properties:** A panel on the right with various settings:
 - Sample:** Name: "<Multiple> 样本名称", Type: "Unknown 选择样本类型", Notes: "Unknown 待测样本", Prep Notes: "Positive Control 阳性对照", Concentration: "Negative Control 阴性对照".
 - Gene:** SYBR Green I, "None" (labeled "选中区域测定的基因名").
 - Condition:** Name: "<None>".
 - Replicate Group:** "Select".
- Buttons:** "Clear Wells" and "Set to Default" are visible at the bottom.

(4)进入 Analysis 分析数据

①在 Analysis 界面点击工具栏  选择需要的分析类型

②点击工具栏  可设置分析参数。如，相对定量分析中确定哪组基因是 Reference、手动校正每组基因扩增效率，等。

③不需要的分析可用工具栏  删除

(5)数据导出：在需要的图或表格上点击鼠标右键选择 **Export to File** 即可导出相应数据