

XF^e96 Analyzer Materials List

Materials required or recommended to run a successful XF^e96 assay.

Required

The following are the materials required to run an XF^e96 assay.

- XF^e96 Analyzer with Controller
- Non-CO₂ Incubator (37°C) or XF Prep Station
- XF^e96 FluxPak (Part # 102416-001) or XF^e96 FluxPak mini (Part # 102601-100)
- pH Meter
- Inverted Phase Contrast Microscope
- P20 and P200 Pipettes and tips
- Low-buffered non-bicarbonated Medium for Assay (e.g. DMEM, KHB, or RPMI without bicarbonate)

Recommended

The following are materials recommended to help you achieve optimal results. These include ensuring optimal instrument functioning, compound reconstitution, and assay experience.

- Uninterrupted power source
- Internet access
- Balance
- Stir plate
- Cell counter/Hemocytometer
- Water bath set at 37°C
- Microcentrifuge
- Touch vortex
- Centrifuge with adaptors for cell culture plates
- Reservoirs
- 15 and 50 mL conical tubes
- Sterile filter bottles (0.22 um filter) and cap

Available Kits and Reagents

The following are materials offered by Seahorse Bioscience to assist you in designing assays to examine cellular metabolism. Each kit and reagent is designed to address your specific experimental question. If you have any questions about which kits and reagents may be appropriate for your experiments, please visit our website <http://www.seahorsebio.com/> or contact Technical Support <http://www.seahorsebio.com/support/tech-support.php>.

- XF Prep Station (Part# 100900-100)
- XF Medium (requires storage at 4°C)
 - XF Base Medium (Part # 102353-100)
 - XF Assay medium (Part # 102365-100)
- XF Stress Test Kits
 - XF Cell Mito Stress Test Kit (Part # 103015-100)
 - XF Glycolysis Stress Test Kit (Part # 102194-100)
- XF Reagents and Substrates
 - XF Plasma Membrane Permeabilizer (Part # 102504-100)
 - XF Palmitate-BSA FAO Substrate (Part # 102720-100)