

How to Hydrate the Sensor Cartridge for the XF^e96 Analyzer

This document describes the recommended procedure and conditions for hydrating an XF^e96 Sensor Cartridge before running the XF assay.

Materials

XF^e96 Flux Assay Kit contains:

[The XF^e96 Flux Assay Kit is a component of the XF^e96 FluxPak (Part # 102416-100) and FluxPak mini (Part # 102601-100)]

- Cartridge Lid
- Sensor Cartridge
- Utility Plate
- XF Calibrant

Also required, but not included:

- 200 µL pipettor and tips

Procedure

1. Open the XF^e96 Flux Assay Kit and remove the contents.
2. Place the Sensor Cartridge upside down next to the Utility Plate.
3. Fill each well of the Utility Plate with 200 µL of Seahorse XF Calibrant.
4. Lower the Sensor Cartridge onto the Utility Plate submerging the sensors in XF Calibrant.
5. Verify the XF Calibrant level is high enough to keep the sensors submerged.
6. Place in a non-CO₂ 37 °C incubator overnight. To prevent evaporation of the XF Calibrant, verify that the incubator is properly humidified.