

Improved Data Quality, Easier Workflow, Versatile Analytics

Agilent Seahorse XF HS Mini Analyzer



Discover the next advancement in Seahorse XF technology

The Agilent Seahorse XF platform is a label-free, integrated platform that seamlessly combines instrument, sensor cartridge, assay kits and software to deliver quantitative cell metabolic data with real-time compound exposure kinetics.

The Seahorse XF HS Mini analyzer is the latest addition to the suite with improved precision, Windows 10 compliance, and compatibility with an 8-well PDL coated miniplate for a more consistent suspension cell workflow.

- Better reliability and robustness when measuring at low OCR rates (<40pmol/min)
- Measure low respiratory cell types more confidently
- Ideal for limited, primary, isolated, rare, or sorted cells
- Optimized workflow for suspension and immune cell types



Improved data quality

Streamlined analytics-
Mac & PC enabled

Consistent suspension
cell workflow - PDL
coated microplates

IT compliant and networking
ready - powered by Windows 10

Improved data quality and reliability at low oxygen consumption rates

System improvements drive the ability to generate up to 50% improved standard deviations (Fig. 1) allowing users to have more confidence when measuring cell types that have low respiratory rates and to resolve smaller rate differences to draw more robust conclusions.

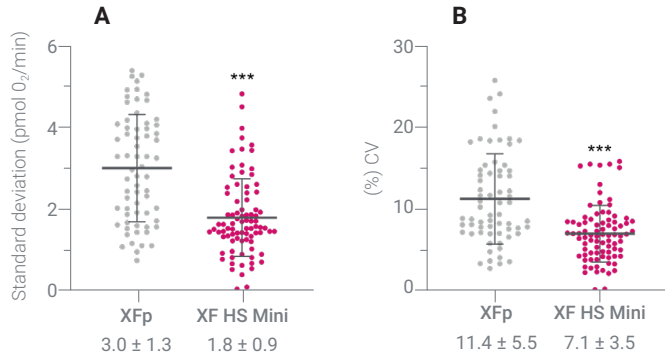


Fig 1. Improved standard deviations (A) and well-to-well variability, (B) on the XF HS Mini Analyzer as show with measurements <40pmol/min (n=80) when comparing both 8 well platforms.

Robust XF data from low respiring cell types is now possible

System improvements drive the ability to precisely measure low respiratory cell types more confidently.

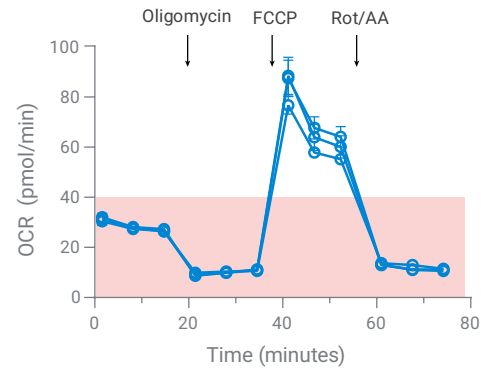
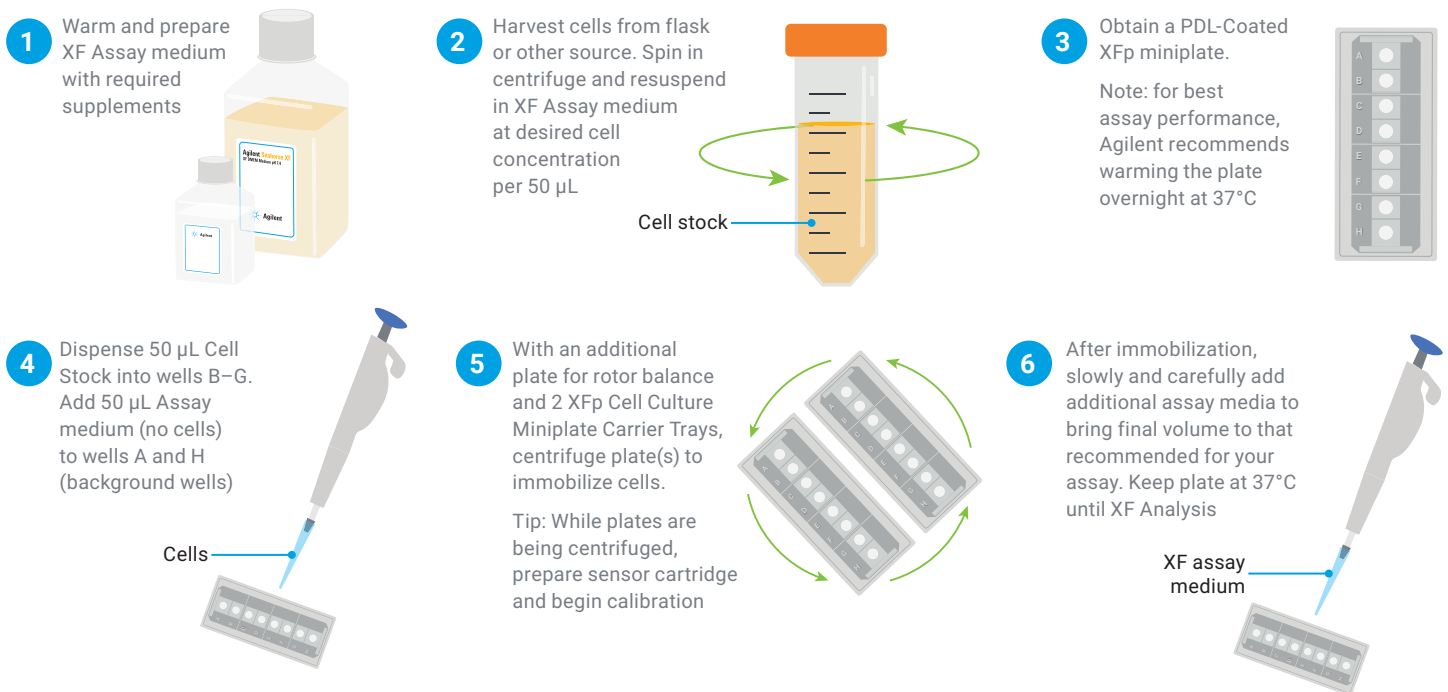


Figure 2: Seahorse XF Cell Mito Stress Test of Naive T cells (200K/well) seeded in PDL coated XFp miniplates (#103722-100) in Seahorse XF RPMI medium, pH 7.4 supplemented with 10 mM glucose, 2 mM glutamine and 1 mM pyruvate. The red box highlights measurements which are in the precision improvement range (≤ 40 pmol/min).

Consistent XF data from an improved workflow for suspension cells



Unlock new discoveries with the Agilent Seahorse XF HS Mini Analyzer. Talk to your sales representative today and visit www.agilent.com/chem/HSMINI

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