# Agilent Seahorse XFp Carrier Tray (pack of 4)

p/n 103057-100

## Description

The Agilent Seahorse XFp carrier tray is designed to hold XFp cell culture miniplates as well as XFp extracellular flux cartridges (in utility plates). The tray can be used for transport, centrifugation, storage, or to position XFp miniplates in devices that read standard microplates.

## Features

- Holds up to three XFp cell culture miniplates, or up to two XFp extracellular flux cartridges
- Can be used with most standard centrifuges equipped with microplate adaptors
- Conforms to ANSI/SLAS Microplate Standards for footprint dimensions[1] and well positions[2]
- Compatible with most plate readers that can accept plates with height of 18 mm (without lid)

## Centrifugation

- Be sure to balance the carrier in use with an XFp carrier tray and miniplates of equivalent weight.
- The Carrier Tray has been tested to withstand centrifugal forces of up to 2,000 × g. (Do not exceed the limits of your particular rotor.)
    - For cells, we recommend centrifugation at 300 × g for 1 minute at room temperature with the brake OFF.
    - For isolated mitochondria, centrifuge at 2,000 × g for 20 minutes at 4 °C.

## Analysis in a Plate Reader

- The total height of the carrier tray, miniplate, and lid is 19.81 mm. Without the lid, the height is 17.4 mm.
- The notch on the bottom left of the carrier corresponds to bottom left of the miniplate and cartridge. Maintaining this orientation in a plate reader is critical for proper alignment in the detection device.
- When placed into the carrier tray, the miniplates are aligned with columns 3, 7, and 11 of a standard 96-well microplate.

## Reorder Information

p/n 103057-100, XFp Carrier Tray (pack of 4).

## References


1. http://www.slas.org/default/assets/File/ANSI_SLAS_1-2004_FootprintDimensions.pdf
2. http://www.slas.org/default/assets/File/ANSI_SLAS_4-2004_WellPositions.pdf


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