

Applied Biosystems™

MicroAmp™ Fast Optical 96-Well Reaction Plate with Barcode, 0.1 mL



Catalog number: 4366932

Related applications: [PCR](#) | [Real Time PCR \(qPCR\)](#)

Description

The Applied Biosystems® MicroAmp® Fast Optical 96-Well Reaction Plate with Barcode is an integral component of the Applied Biosystems® Fast PCR System, which reduces PCR reaction time from 2 hours to as little as 25 minutes.

- Maximum thermal conductivity for precise thermal cycling
- Reproducible, specific, and sensitive PCR results in just 25 minutes
- Validated with other system components for consistent results
- Each reaction plate includes a unique serialized, eight character number label (barcode) that is user-readable and machine-readable to prevent tracking errors

Increased Thermal Contact for Faster, More Uniform Heating

The advanced design of the MicroAmp® Fast 96-Well Reaction Plate dramatically increases its thermal contact with the Applied Biosystems® Veriti™ 96-Well Fast Thermal Cycler. The plate also has a consistent well-to-well thickness so all of the samples cycle through the PCR process uniformly. These features reduce experimental artifacts and help ensure fast, accurate results.

Amplify in as Little as 25 Minutes

Go fast with the Applied Biosystems® Fast System, comprising pre-mixed Fast PCR master mixes, specially designed 0.1 mL microplates and tubes, and the Veriti® 96-Well Fast Thermal Cycler. Now, you can amplify fragments under 500 bp from genomic backgrounds in about 25 minutes and, in some cases, as little as 10 minutes. And you can amplify large fragments faster too—up to 2 kb in as little as 40–50 minutes. Or for sequencing applications, the AmpliTaq Gold® Fast PCR Master Mix, UP, reduces your cycling time to 50 minutes and produces amplicons optimal for high-quality sequencing results.

For Research Use Only. Not for use in diagnostic procedures.

Specifications

Barcode:	Includes Barcode
Color:	Optical
For Use With (Equipment):	310 Genetic Analyzer, 3130 Genetic Analyzer, 3130xl Genetic Analyzer, 3500 Dx Genetic Analyzer, 3500 Genetic Analyzer, 3500xL Dx Genetic Analyzer, 3500xL Genetic Analyzer, 3730 DNA Analyzer, 3730xl DNA Analyzer, 7500 Fast Dx System, 7500 Fast System, 7900HT Fast System, StepOnePlus™, Veriti Dx Fast Thermal Cycler, Veriti Fast Thermal Cycler, ViiA™ 7 Dx Fast System, ViiA™ 7 Fast System
Format:	96-well plate
Product Line:	MicroAmp®
Product Size:	200 plates
Reaction Speed:	Fast

Contents & storage

Contains 200 plates (equivalent to 10 × catalog # 4346906).

Store at room temperature. Under proper storage conditions, plates may be stored indefinitely.