

Applied Biosystems™

# MicroAmp™ Optical 96-Well Reaction Plate with Barcode & Optical Adhesive Films



**Catalog number:** 4314320

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

## Description

The Applied Biosystems® MicroAmp® Optical 96-Well Reaction Plate is optimized to provide unmatched temperature accuracy and uniformity for fast, efficient PCR amplification. This plate, constructed from a single rigid piece of polypropylene in a 96-well format, is compatible with Applied Biosystems® 96-Well Real-Time PCR systems and thermal cyclers.

- Frosted to minimize interfering fluorescence from wells of cycling block
- Screened to eliminate auto-fluorescent plates
- Unique design provides a barrier to ambient air to help insure well-to-well temperature uniformity
- Each reaction plate includes a unique serialized, eight character number label (barcode) that is user-readable and machine-readable to prevent tracking errors

The included MicroAmp® Optical Adhesive Films reduce the chance of well-to-well contamination and sample evaporation when applied to the microplates.

- Pressure-sensitive adhesive provides a tight seal over every well
- Will not interfere with sample reading
- Confirm correct alignment to plate, then press to seal
- Easy to apply; does not stick to your glove

### Oil-Free PCR Amplification

MicroAmp® disposables are optimized to provide unmatched temperature accuracy and uniformity for fast, oil-free PCR amplification. Proprietary MicroAmp® plates are essential for high-performance PCR and help ensure the greatest temperature and amplification uniformity for your samples.

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

## Specifications

Barcode:	Includes Barcode
Capacity:	96 x 0.2 ml tubes
Color:	Optical
For Use With (Equipment):	2720 Thermal Cycler, 7000 System, 7300 System, 7500 System, 7900HT System, GeneAmp 9700, ProFlex™ PCR System, QuantStudio™, QuantStudio™ Dx, SimpliAmp™ Thermal Cycler, Veriti Dx Thermal Cycler, Veriti Thermal Cycler, ViiA™ 7 Dx System, ViiA™ 7 System
Format:	96-well plate
Product Line:	MicroAmp®
Product Size:	100 plates
Reaction Speed:	Standard

## Contents & storage

**Contains:**

5 packages of 20 plates each (equivalent to 5 x catalog # 4306737)  
 1 package of 100 Optical Adhesive Films (equivalent to catalog # 4311971)

Store at room temperature. With proper storage, shelf-life is 2 years.