

# Specialty TaqMan Array Plates

Preplated TaqMan Assays, custom assays, and custom probe/primer sets for 96- or 384-well plate formats for real-time PCR

- Set up custom configurations using Applied Biosystems™ TaqMan® Assays (inventoried, made-to-order, and custom) and custom TaqMan® probes and primers
- Choose 96-well Fast, 96-well standard, or 384-well plate formats
- Analyze genes from any organism
- Select from a variety of reaction volumes
- Receive in dried or liquid formulation

Thermo Fisher Scientific offers the largest family of TaqMan Assay products to help meet your quantitative real-time PCR needs—from predesigned TaqMan Assays, to custom assays, to custom TaqMan probes and primers manufactured to your desired sequences. TaqMan Assay chemistry offers high sensitivity, specificity, and reproducibility over a broad dynamic range for quantitative real-time PCR studies. You can also

order any combination of TaqMan Assay products preloaded in 96-well Fast, 96-well standard, or 384-well plate formats.

This cost-effective specialty plating service provides flexibility and reliability for your screening research applications. Whether you are looking for biomarkers, testing for toxicity, searching for microbes, or performing other high-throughput screenings (including verification of RNA interference experiments), TaqMan Assays are an ideal solution.

The specialty plating service enables you to focus on your experimental design and results while helping you save labor and time, and helps reduce pipetting and cross-contamination errors. Your local sales representative can assist you in selecting the optimal assays and format for your research.



**Thermo Fisher Scientific can help you create an ideal solution for your real-time PCR experiments.**

## Target applications

Applied Biosystems™ Specialty TaqMan® Array Plates are suitable for any research application that benefits from the convenience and speed of preplated assays. They are also an ideal solution for pharmaceutical and biotechnology companies, and other institutions working on the following research applications:

- Screening
  - Biomarkers
  - Toxicity
  - Genetically modified organisms (GMOs)
- Agriculture
- Food testing
- siRNA knockdown
- Pathogen detection

## Convenience of Specialty TaqMan Array Plates

Specialty TaqMan Array Plates offer you the convenience of preplated TaqMan Assays, custom assays, and custom probe and primer sets in 96- or 384-well plates. The TaqMan specialty plating service was designed to be extremely flexible, with customer-selectable options for:

- Number of assays per plate
- Plate layout
- Types of Applied Biosystems™ assays
  - TaqMan® Gene Expression Assays (inventoried, made-to-order, and custom)
  - TaqMan® MicroRNA Assays (inventoried, made-to-order, and custom)
  - TaqMan® Noncoding RNA Assays (inventoried and made-to-order)
  - TaqMan® SNP Genotyping Assays (predesigned, custom, and drug metabolism enzyme (DME))

- TaqMan® Copy Number Assays (predesigned, custom plus, or custom) either alone or in duplex with TaqMan® Copy Number Reference Assays
- Custom TaqMan probes and primers
- Plate types
  - 96-well standard
  - 96-well Fast
  - 384-well
  - Applied Biosystems™ MicroAmp™ EnduraPlate™ Optical Reaction Plates, which are compatible on Bio-Rad and Agilent/Stratagene qPCR instruments.
- Final reaction volume
  - 5 to 20 µL
- Number of plates (minimum order is 10)
- Deep-well storage plates containing TaqMan Assays are also available

## How TaqMan specialty plating works

1. Enter your specialty plating details using our online configurator tool at [specialty-taqman-arrays.com](http://specialty-taqman-arrays.com).
2. Or complete the specialty plating Microsoft™ Excel™ worksheet, which can be downloaded from [thermofisher.com/customplating](http://thermofisher.com/customplating), and e-mail to [Specialty\\_Plates@thermofisher.com](mailto:Specialty_Plates@thermofisher.com).
3. Within a couple of days, you will receive a formal quote and instructions on how to submit your purchase order and build your plates.
4. Plates can be ordered with assays dried on the plates or in liquid format, and will be delivered in 2–6 weeks.



### Pricing is specific to your project needs and varies based on the following:

- Number of plates
- Number of replicates
- Number of assays
- Type of assay (inventoried, custom assays, or custom probes)
- Reaction volume

Find out more at [thermofisher.com/customplating](http://thermofisher.com/customplating)