

# TaqMan Assays

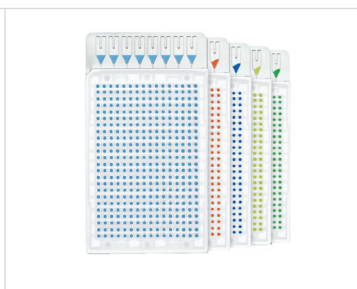
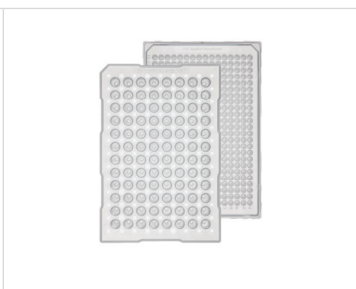
## Real-time PCR assays for all your needs

Applied Biosystems™ TaqMan™ Assays offer the most comprehensive real-time PCR (qPCR) assay collection, with over 10 million predesigned assays available.

TaqMan Assays provide the reliability and performance required for all of your real-time PCR applications in a format fit for your needs.

### TaqMan Assay formats

TaqMan Assays are available in single-tube or plated format for maximum flexibility to minimize your effort and cost. Choose between predefined panels, flexible-content panels, or custom options to design your experiment.



Single-tube assays	TaqMan Array Plates	TaqMan Array Cards	OpenArray Plates
Provide flexibility to choose the assays you need for a few samples and targets.	Provide convenience of preplated assays to help reduce pipetting steps and loading errors.	Provide rapid and easy 384-well setup for semi-high throughput analysis without expensive automation.	Provide the most economical format for high throughput analysis.
Use our Assay Search Tool online to find the assay you need from the millions of predesigned assays.	TaqMan™ Array Plates contain high-quality TaqMan Assays in a convenient, dried-down, 96- or 384-well plate format.	TaqMan™ Array Cards are 384-well microfluidic cards allowing 1–8 samples to be run in parallel against 12–384 TaqMan Assay targets preloaded into each well.	OpenArray™ Plates have a total of 3,072 through-holes and can hold as many samples as 8 traditional 384-well plates.

## TaqMan Assays by application

### Gene expression analysis

Applied Biosystems™ TaqMan™ Gene Expression Assays offer 1.5 million primer/probe sets for 27 species and selected pathogens, with your choice of Applied Biosystems™ FAM™ or VIC™ dye labels.

### SNP genotyping

Choose from over 7 million predesigned human and mouse Applied Biosystems™ TaqMan™ SNP Genotyping Assays for a fast and simple way to get single nucleotide polymorphism (SNP) genotyping results.

### Drug metabolism genotyping

Choose from over 2,700 unique Applied Biosystems™ TaqMan™ Drug Metabolism SNP Genotyping Assays to detect polymorphisms in all known high-value DME pharmacogenetic markers, including pharmaADME core markers.

### Copy number variation

For copy number variation studies, we offer over 1.8 million predesigned Applied Biosystems™ TaqMan™ Copy Number Assays with human genome-wide coverage, mouse assays targeting exons, and mouse marker and reporter assays.

### Protein expression

Innovative Applied Biosystems™ TaqMan™ Protein Assays enable fast, easy identification and relative quantification of protein markers from limited quantities of cultured cells. Choose from predesigned assays, or create your own assay using your own biotinylated antibodies.

### MicroRNA and noncoding RNA analysis

Superior Applied Biosystems™ TaqMan™ Assay-based products are designed for miRNA and noncoding RNA research from isolation through discovery. New Applied Biosystems™ TaqMan™ Advanced miRNA Assays use ligation-based universal reverse transcription for a streamlined and sensitive workflow.

### Somatic mutation detection

Applied Biosystems™ TaqMan™ Mutation Detection Assays detect somatic mutations in genes that are associated with cancer. Powered by Applied Biosystems™ castPCR™ technology, these assays are highly specific and sensitive, and can detect rare amounts of mutated DNA in a sample that contains large amounts of normal, wild type DNA.

In addition, our Applied Biosystems™ Custom TaqMan™ Assay Design Tool lets you design and order a TaqMan Assay for gene expression or genotyping applications. Custom assay design services are available for any other design request.

Order your assays at [fishersci.com](http://fishersci.com)

Learn more at [thermofisher.com/taqman](http://thermofisher.com/taqman)



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