

TaqMan Assays and arrays to support your oncology research breakthroughs

Cancer research

Accelerate your research by selecting optimal assays

Discover the comprehensive range of Applied Biosystems™ TaqMan™ Gene Expression Assays and arrays, meticulously designed to enhance your oncology research. Whether your focus is on gene expression analysis, oncogene detection, biomarker identification, mutation analysis, or clinical research, TaqMan Assays and arrays offer the precision and sensitivity to help you make strides in your respective field.

Trusted specificity and sensitivity for biomarker discovery

TaqMan Gene Expression Assays and arrays enable reliable identification and quantification of the expression levels of common cancer biomarkers, as well as novel biomarkers identified in high-throughput transcriptomic research studies.

Regardless of the cancer type you are studying, TaqMan Assays and arrays are designed to support and advance cancer research.

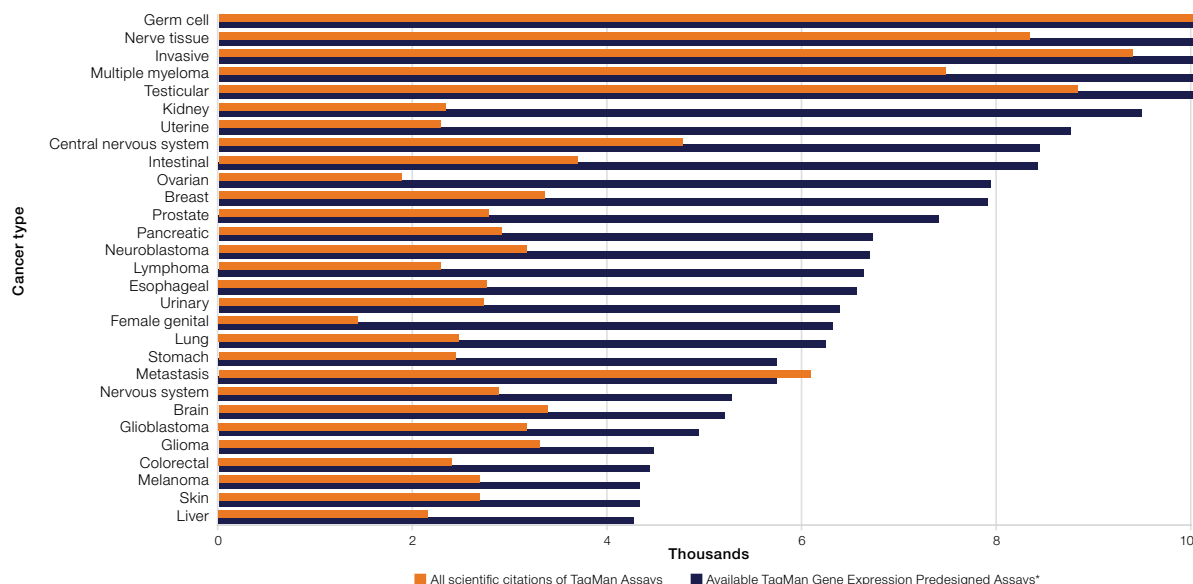
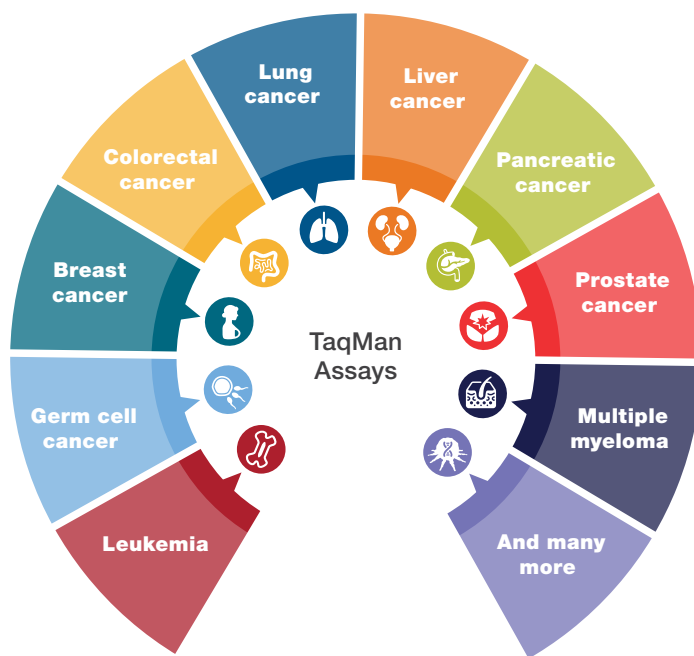


Figure 1. Predesigned TaqMan Gene Expression Assays by oncology area. Scientific citations of TaqMan Assays by oncology research area and the number of predesigned TaqMan Gene Expression Assays in each area.

* Predesigned assays are ready-to-use assays that contain an Applied Biosystems™ TaqMan™ probe and PCR primer sets formulated to work right out of the box.

Take your cancer research to the next level with TaqMan Gene Expression Assays and arrays, renowned for their exceptional specificity and sensitivity.

Find the TaqMan Gene Expression Assay that aligns with your specific area of interest



Accelerate your oncology research with the TaqMan Assay Search by Disease Tool

The Applied Biosystems™ TaqMan™ Assay Search by Disease Tool is an invaluable resource for oncology researchers, leveraging data from more than 31 million peer-reviewed journal articles.

This tool facilitates a streamlined approach to exploring publications and finding relevant assays, enhancing the efficiency and accuracy of your research. Whether you're working on gene expression, immuno-oncology, or complex disease studies, this tool provides curated resources to support your work.

[Go to the TaqMan Assay Search by Disease Tool web page](#) to start leveraging these powerful features for oncology research.

Features:



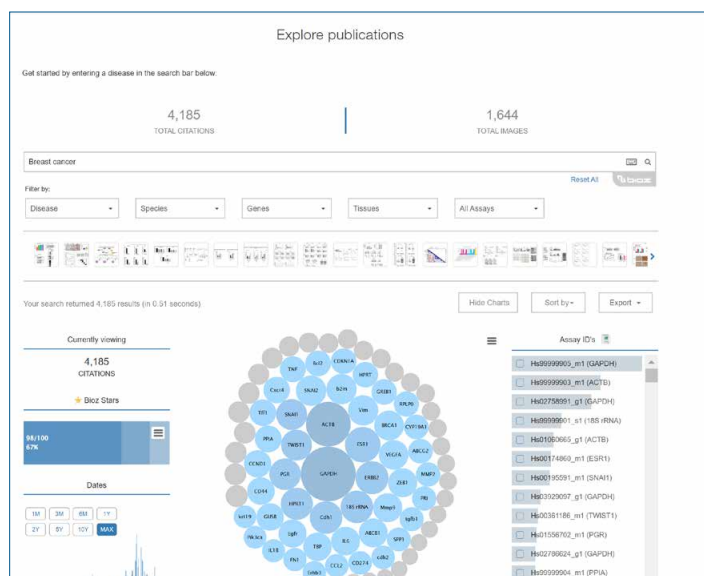
Connect genes with diseases—Easily identify the genetic markers associated with various cancers



Access published research—Link directly to TaqMan Assays used in published studies, helping ensure your research is grounded in proven methodologies



Identify endogenous controls—Find appropriate control assays for your specific research area with references to published methods, and filter by species and tissue



TaqMan gene expression array cards and plates

For oncology researchers, Applied Biosystems™ TaqMan™ gene expression array cards and plates for real-time PCR (qPCR) offer a robust and flexible solution for gene expression profiling and verification. These arrays, available in 96- and 384-well formats, are excellent for analyzing tens to thousands of genetic targets, making them beneficial for comprehensive cancer research.

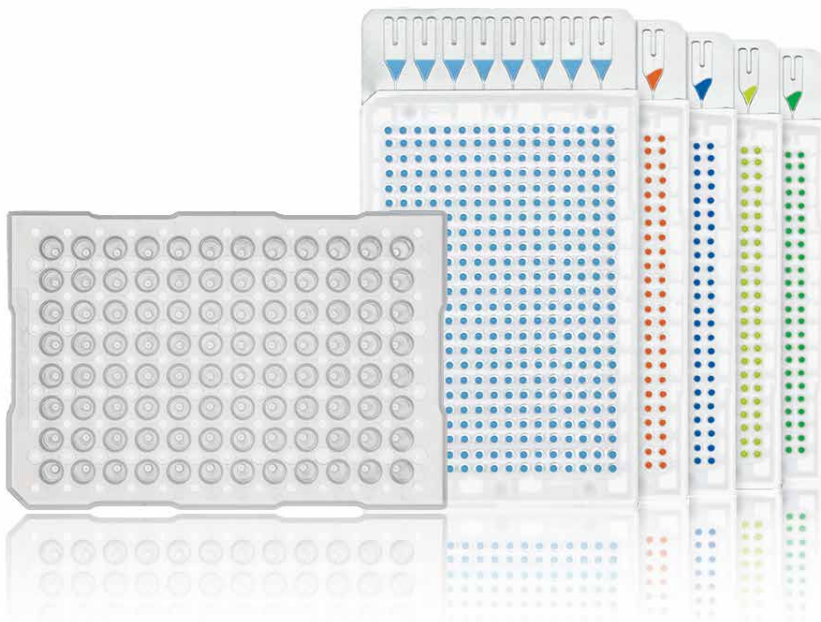
Whether you're investigating specific cancer pathways, disease mechanisms, or biomarkers, these arrays provide the precision and scalability needed to advance your research.

Benefits:

- ✓ **Broad selection of content**—Choose from preconfigured arrays and flexible, custom, and specially designed made-to-order arrays to match your research needs
- ✓ **Fast and efficient**—Preconfigured arrays ship in 1–2 days, allowing you to quickly start your experiments
- ✓ **Customizable options**—Use the online configuration tool to easily modify or create custom panels, helping ensure your assays are tailored to your exact requirements

[Discover more about TaqMan gene expression array cards and plates for qPCR](#)

and see how they can help elevate your oncology research.



Explore TaqMan flexible content panels

Applied Biosystems™ TaqMan™ flexible content panels are powerful tools for oncology researchers, providing the flexibility to design and configure gene expression and genotyping assays tailored to specific cancer pathways, disease states, and biological processes.

Options available:

- **Formats**—Available in 96-well plates, array cards, and Applied Biosystems™ OpenArray™ plates
- **Species**—Options for human, mouse, and rat

These panels offer a comprehensive and adaptable solution for advancing cancer research. Explore them to help streamline your assay design and accelerate your discoveries in oncology.

[Go to the TaqMan flexible content panels web page](#) to get started.



Why choose TaqMan Assays and arrays?

Features	Description
Comprehensive coverage	• >20 million predesigned assays • >2.8 million gene expression assays available for more than 30 species
Reliable performance	• Trusted sensitivity and specificity • >296,000 citations • Highly accurate and reproducible results • TaqMan Assay guarantee*
Streamlined workflow	• Designed for ease of use, with optimized protocols and compatible master mixes • Flexible formats: single tubes, 96-well plates, 384-well plates, 384-well array cards, and OpenArray plates

* Terms and conditions apply. For complete details, go to thermofisher.com/taqmanguarantee.

Discover TaqMan Assays and arrays for oncology research at thermofisher.com/qpcr-oncology

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