How to search and order predesigned TaqMan Real-Time PCR Gene Expression Assays

1. Go to thermofisher.com/taqman to start searching for the right Applied Biosystems™ TaqMan® Assay.

2. Search using keywords (e.g., gene symbol, RefSeq number, assay ID, gene name, disease, pathway).  

2a. If needed, activate the Advanced Search link by selecting an assay type (e.g., Gene Expression) from the TaqMan Assays dropdown menu, located to the left of the search bar.

3. Search will display available TaqMan Assay product categories:
   - Gene expression
   - Gene expression arrays
   - SNP genotyping
   - Copy number variation (CNV)
   - Mutation detection
   - miRNA

3a. Click on Gene Expression assays

4. Use the dropdown filters to narrow your results by:
   - Assay attributes
     - Best coverage (see 5a, next page)
     - Inventoried (premade for fastest turnaround time)
   - Species
   - Gene
   - Assay design—choices include:
     - Probe spans exons (assay will only detect mRNA)
     - Single exon (assay will detect both mRNA and gDNA)
   - Cross reactivity
     - Click on (?) for more information
5 Scroll down to determine the best assay for your target

5a Best coverage: Assays designated as best coverage will detect the most possible RefSeq transcripts for a gene. If several assays are tied for detecting the most RefSeq transcripts, the best coverage designation will go to the one with the shortest amplicon.

5b Click on “View Details” or “View Assay Map” for more information on transcripts and assay location.

5c View citations in which this assay was used. The assay with the highest number of citations for a gene is designated Most Citations.

6 Select “Dye”

FAM-MGB is the most common selection. VIC-MGB or VIC-MGB.PL (primer limited) are available to facilitate multiplexing. (See multiplex information for TaqMan Assays at the Real-Time PCR (qPCR) Learning Center at thermofisher.com)

7 Select “Size”

Availability and catalog number will automatically update

8 Optional

Related arrays

List of real-time PCR panels that contain the selected assay

9 Click on the “Add to cart” button

If you are placing the order yourself:

Click on the “Add to cart” button, and proceed to checkout.

If someone else will be placing the order:

Two pieces of information are required to order:

1 Catalog number

The catalog number (Cat. No.) only defines configuration (e.g., assay type, size, dye) and does not define the primer/probe sequences.

2 Assay ID

The assay ID is a unique alphanumeric string that identifies the specific primer and probe set.

Find out more at thermofisher.com/taqman