

TaqMan microbial detection assays and TaqMan antibiotic resistance assays are used for quantitative real-time PCR detection of microbial species and antibiotic resistance genes.

These assays consist of a pair of unlabeled PCR primers and a TaqMan probe with a dye label (FAM) at the 5' end, a minor groove binder (MGB), and a non-fluorescent quencher (NFQ) at the 3' end.

|          |                             |          |
|----------|-----------------------------|----------|
| EasyqPCR | Astrovirus                  | 07263777 |
| EasyqPCR | 16S pan-Bacterial Control   | 07263775 |
| EasyqPCR | 16S pan-Bacterial Control 2 | 07263776 |
| EasyqPCR | Ebolavirus                  | 07263780 |
| EasyqPCR | Enterovirus                 | 07263781 |
| EasyqPCR | Enterovirus D68             | 07263782 |
| EasyqPCR | Hepatitis C                 | 07263783 |
| EasyqPCR | HIV-2                       | 07263784 |
| EasyqPCR | H-Coronavirus 229E          | 07263785 |
| EasyqPCR | HCoV-HKU1                   | 07263778 |
| EasyqPCR | HCoV-NL63                   | 07263779 |
| EasyqPCR | OC43                        | 07263786 |
| EasyqPCR | HPIV1                       | 07263787 |
| EasyqPCR | HPIV2                       | 07263788 |
| EasyqPCR | HPIV3                       | 07263789 |
| EasyqPCR | Marburgvirus                | 07263790 |
| EasyqPCR | MERS Coronavirus            | 07263791 |
| EasyqPCR | Mumps Rubulavirus           | 07263792 |
| EasyqPCR | Rotavirus C                 | 07263793 |
| EasyqPCR | SARS-CoV                    | 07263794 |
| EasyqPCR | SARS-CoV-2-S gene           | 07263797 |
| EasyqPCR | SARS-CoV-2                  | 07263795 |
| EasyqPCR | SARS-CoV-2-N gene           | 07263796 |



- **qPCR System:** QuanStudio™ 3 and 5
- **Number of reactions:** 50
- **Easy to use:** simply add cDNA/RNA and the master mix, and process the PCR (no melting curves required)
- **Specific:** TaqMan assays use proprietary probes containing MGB that can be up to 15 bases shorter than non-MGB probes, resulting in improved assay specificity.
- **Sensitive:** TaqMan assays are ideal for measuring low-abundance microbial targets.
- **Accurate:** Identify microbial targets with high quantification precision.
- **Custom content:** There are currently over 300 pre-designed microbial detection assays and 100 pre-designed antibiotic resistance assays available. We provide a Taqman assay (includes probes and oligos), VetMAX™ Fast Multiplex Mastermix and VetMAX™ Xeno™ Internal Positive Control (DNA/RNA) and VetMAX™ Xeno™ Internal Positive Control – VIC™ Assay.

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