



2-Color Staphylococcus aureus qPCR Detection Kit

- Get rapid and accurate test results with high specificity to determine the presence of *Staphylococcus aureus* bacteria in your sample



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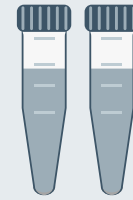


2-Color Staphylococcus aureus qPCR Detection Kit

This kit provides a rapid and accurate test to determine the presence of *S. aureus* bacteria in a sample. The two-color *S. aureus* detection kit is a probe-based kit that allows for the identification of *S. aureus* species. The primers and probes target a *S. aureus* specific gene that is essential for its pathogenicity. The probe activates FAM channel, giving the user a positive result if *S. aureus* is present. An internal control primer and probes are also included that confirm that the PCR Master Mix is working optimally by ensuring the sample is free of PCR inhibitors that would lead to false negative results. To help distinguish the Master Mix from the template DNA and from the final product during sample preparation, an inert yellow dye is provided to label the template prior to adding to the Master Mix which contains an inert blue dye. When mixed the resulting solution is green, confirming the presence of all components. The kit works with any qPCR system that supports the two color channels.

Specifications

| | |
|-------------------------|---|
| Components: | Master Mix, Positive Control, Internal Control, Yellow Dye, ROX, Water |
| Matrix: | Aqueous |
| Volume: | Master Mix: 2.4 mL, Positive Control: 0.08 mL, Internal Control: 0.5 mL, Yellow Dye: 1 mL, ROX: 0.1 mL, Water: 2 mL |
| Grade: | Autoclaved Molecular Biology Grade Water (DNase/RNase/Protease Free) |
| Storage Conditions: | - 15 °C to -30 °C |
| Shipping Conditions: | Ship in a thermally insulated foam container with 1-2 pre-frozen ice packs (pre-frozen at -80 °C) |
| Dimensions (L x W x H): | 6.5 in x 3.1 in x 0.6 in (16.5 cm x 8 cm x 1.5 cm) |
| Weight: | 0.09 lb (40 g) |



qPCR detection kit



Determine the presence of *S. aureus* bacteria



Detect down to 50 copies of *S. aureus* bacteria



Supplied with a Certificate of Analysis

Ordering Information

| Detection Kits | |
|--|--------------|
| Description | Part Number |
| 2-color <i>Staphylococcus aureus</i> Detection Kit (<i>S. aureus</i> species (FAM); Internal control (HEX/VIC)) – 250 reactions | STAPH-2-250 |
| 2-color <i>Staphylococcus aureus</i> Sample Detection Kit (<i>S. aureus</i> species (FAM); Internal control (HEX/VIC)) – 25 reactions | STAPH-2-SAMP |

Related Products

| Description | Part Number |
|---|---------------|
| 2-color <i>Aspergillus</i> Detection Kit (<i>Aspergillus niger</i> , <i>Aspergillus flavus</i> , <i>Aspergillus terreus</i> , <i>Aspergillus fumigatus</i> (FAM); Internal control (HEX/VIC)) – 250 reactions | ASPKIT-2-250 |
| 2-color <i>Aspergillus</i> Detection Kit (<i>Aspergillus niger</i> , <i>Aspergillus flavus</i> , <i>Aspergillus terreus</i> , <i>Aspergillus fumigatus</i> (FAM); Internal control (HEX/VIC)) – 500 reactions | ASPKIT-2-500 |
| 2-color <i>Aspergillus</i> Detection Kit (<i>Aspergillus niger</i> , <i>Aspergillus flavus</i> , <i>Aspergillus terreus</i> , <i>Aspergillus fumigatus</i> (FAM); Internal control (HEX/VIC)) – 1000 reactions | ASPKIT-2-1000 |
| 2-color <i>Aspergillus</i> Detection Kit (<i>Aspergillus niger</i> , <i>Aspergillus flavus</i> , <i>Aspergillus terreus</i> , <i>Aspergillus fumigatus</i> (FAM); Internal control (HEX/VIC)) – 2000 reactions | ASPKIT-2-2000 |
| 2-color <i>Salmonella</i> Detection Kit (<i>S. enterica</i> , <i>S. bongori</i> (FAM), Internal control (HEX/VIC)) – 250 reactions | SALKIT-2-250 |
| Mycotoxins Standards Mix at 10 µg/mL in Acetonitrile, 1 mL Mix includes: Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A | MYCO-1 |
| PCRmax Eco 48 Real Time PCR System Allows for simple multiplex analysis with up to four dyes at once | 93947-00 |
| DNA Isolation Kit for Animal Tissue, 75 reactions | 2401M |
| DNA Isolation Kit for Animal Tissue with Stabilization Buffer, 75 reactions | 2401MS |
| DNA Isolation Kit for Soft Plant Tissue, 75 reactions | 2402P |
| DNA Isolation Kit for Tough Plant Tissue, 75 reactions | 2402PT |

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