Storage Conditions
Upon receipt, store the MycoSensor QPCR assay kit reagents at -20°C. Store the 2× master mix at 4°C after thawing. (Continue storing the remaining QPCR assay kit reagents at -20°C.) Once thawed, full activity is guaranteed for 6 months. The 2× MycoSensor QPCR master mix and the reference dye are light sensitive and should be kept away from light whenever possible. Store the DNA purification kit at room temperature at all times.

Description
The MycoSensor QPCR assay kit is used to detect Mycoplasma infection of cell cultures by quantitative PCR (QPCR), using SYBR Green dye detection. The MycoSensor QPCR assay kit includes a primer mix that amplifies the eight most common species of Mycoplasma that infect cell cultures and a convenient 2× master mix containing the components necessary for PCR amplification and fluorescence detection.

Test Conditions
The MycoSensor QPCR assay kit has been tested for the ability to amplify the positive control templates and the amplification control template in the presence and absence of cell supernatant according to the kit protocols.

Contamination Test Conditions
The MycoSensor QPCR assay kit reagents are tested extensively to confirm the absence of DNA contamination.