



# TMRE Mitochondrial Membrane Potential Assay Kit

## Product Information

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**Cat.No.**

Kit-2034

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**Size**

500 wells

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**Description**

The TMRE Mitochondrial Membrane Potential Assay Kit utilizes tetramethylrhodamine ethyl ester (TMRE), a cell permeable, cationic dye which accumulates in the mitochondrial matrix based on mitochondrial membrane potential ( $\Delta\psi_M$ ). This assay, which is suitable for high-throughput screening, includes the mitochondrial uncoupler FCCP as a positive control for membrane depolarization.

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**Storage**

-20°C

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**Kit Components**

Cell-Based Assay TMRE (0.5 mM): 1 vial/100  $\mu$ l; -20°C FCCP control (20 mM): 1 vial/25  $\mu$ l;  
-20°C Cell-Based Assay Buffer Tablet: 3 tablets; RT

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