



Catalog #: S0110

# Fluorescein Calibrator

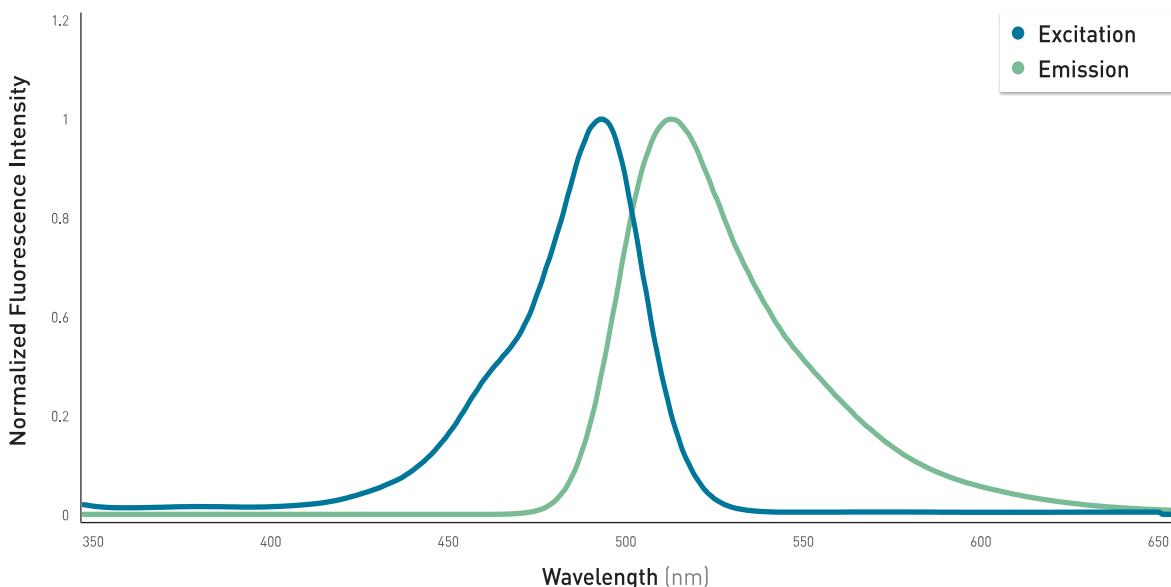
For research use only

Store at 4 °C

Protect from light

## INTRODUCTION

Chai's Fluorescein Calibrator is designed to calibrate the single channel Open qPCR instrument for use with SYBR Green, Chai Green, or equivalent dyes, as well as FAM labeled probes. All necessary reagents are included. The calibration process adjusts for well-to-well variation to ensure accuracy and reliability in the amplification results. The Fluorescein Calibrator has an absorption maximum at 491 nm and an emission maximum at 513 nm.



**Figure 1.** Normalized fluorescence excitation-emission spectrum of fluorescein in TE buffer, pH 8. The Fluorescein Calibrator has an excitation peak at 491 nm and an emission peak at 513 nm.

## SPECIFICATIONS

The Fluorescein Calibrator is provided in a liquid ready-to-use format. Store the Fluorescein Calibrator at 4 °C. Ensure that the vials are placed in a dark location as the calibrator solution is sensitive to light.

## KIT COMPONENTS

1.3 mL 3  $\mu$ M fluorescein calibration solution

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