Automated High Throughput Calcium Flux Assays using the ImageTrak™

Stephen Hart, Hanh Le, Qian Wang, Joe Trottier, and Janet Park
PerkinElmer Life and Analytical Sciences

Introduction

A series of experiments were carried out to determine the optimal parameters for Fluo-4 AM dye loading. The standard assay protocol was followed, and the dye loading step was optimized.

Data Analysis

A series of experiments were carried out to determine the optimal parameters for Fluo-4 AM dye loading. The standard assay protocol was followed, and the dye loading step was optimized.

Carbachol Dose-Response Curve

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Plate Precision Comparison

A series of experiments were carried out to determine the optimal parameters for Fluo-4 AM dye loading. The standard assay protocol was followed, and the dye loading step was optimized.

CellEx™ Poly-D-Lysine Coated Plates Performance Consistency

A series of experiments were carried out to determine the optimal parameters for Fluo-4 AM dye loading. The standard assay protocol was followed, and the dye loading step was optimized.

Conclusions

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