CREATIVE BIOMART®
Assay Kit

hERG Fluorescence Polarization Assay Kit

Product Information

Cat

Kit-0939

Common Name

hERG

Cat.No. Kit-0939

Description

The hERG Fluorescence Polarization Assay Kit provides a set of validated components to perform hERG channel biochemical binding studies in the absence of radioligand. The assay was designed to identify potential hERG channel blockers by producing data that accurately correlates with patch-clamp electrophysiology studies. The assay is based on the principle of fluorescence polarization where a red-shifted fluorescent tracer is displaced from the hERG channel by compounds that bind to the channel. Assay performance was validated with a panel of established hERG channel blockers. Results from the assay demonstrate a high correlation with those obtained from patch clamp techniques.

Storage

hERG Fluorescence Polarization Assay Kit
(Other materials are required separately; please refer to the protocol)Includes:
- hERG Membranes
- hERG Tracer Red
- hERG Buffers
- E-4031
- hERG Fluorescence Polarization Assay Protocol
- Certificate of Analysis

Store the hERG Membranes at -80°C. The Tracer Red, buffers, and E-4301 should be stored at -20°C.

Shipping

Dry Ice

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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Size
1 kit
Materials Required but Not Supplied
Microplate Reader
Detection method Fluorescent

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