



## hERG Fluorescence Polarization Assay Kit

### Product Information

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**Cat**

Kit-0939

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**Common Name**

hERG

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**Cat.No.**

Kit-0939

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**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.

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**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.

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**Shipping**



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## hERG Fluorescence Polarization Assay Kit

Dry Ice

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**Size**

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1 kit

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**Materials Required but Not Supplied**

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Microplate Reader

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**Detection method** Fluorescent

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Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)

Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA