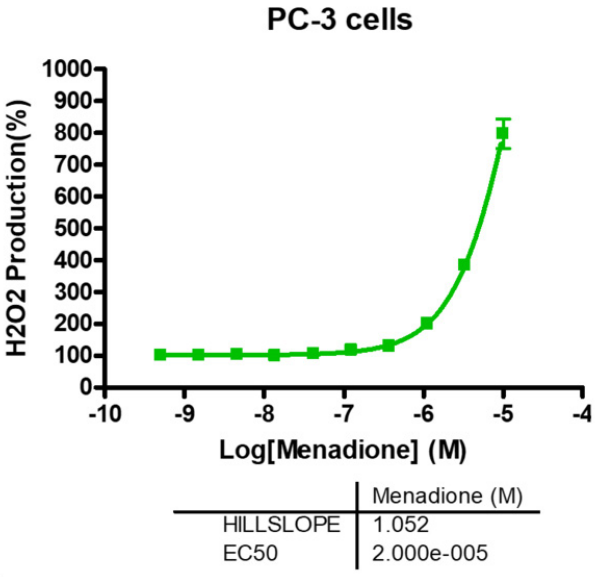
ROS-GLO H2O2 Assay

Apoptosis assays are available for single and multi-time point analysis as well as real-time live-cell imaging.

Assay Properties	
Cell Line	PC-3 cell line from ATCC
Assay Format	384-well plate format using ROS-GLO H_2O_2 Assay System
Assay Protocol	PC-3 cells were treated with various concentrations of compound menadione in 384-well plate for 6 hours. ROS H_2O_2 production was measured with ROS-Glo H_2O_2 assay. Luminescence signal was recorded by Envision 2104 Multilabel Reader. The IC50 (EC50) value was calculated and the IC50 curve was plotted using the GraphPad Prism program based on a sigmoidal dose-response equation.
Readout	Luminescent signal
Reference Compound IC50s	**Compound IC50 (M)** Menadione 2.000e-005
Screening Location	Malvern, PA, USA
Further information	More information can be found on our website Apoptosis Assay Services for Drug Discovery



	Menadione (M)
HILLSLOPE	1.052
EC50	2.000e-005