

Ferroptosis Inhibitory Protein-1 (FSP-1) Assay Kit | FSP-1 assay kit

Ferroptosis Inhibitory Protein-1 (FSP-1) Activity Fluorometric Assay Kit

CATALOG #
AAA179684

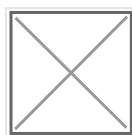
PRODUCT SYNONYMS

Ferroptosis Inhibitory Protein-1 (FSP-1); Ferroptosis Inhibitory Protein-1 (FSP-1) Activity Fluorometric Assay Kit; FSP-1 assay kit

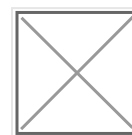
PRODUCT SPECIFICATIONS

Detection Type	Fluorescence
Result Type	Enzyme activity
Samples	Animal and plant tissue, Cell
Detection Range	0.15-5.00U/L
Sensitivity	0.15U/L
Precision	Intra-assay CV: 3.0-5.4% Inter-assay CV: 6.5-8.0%
Detection Instrument	Fluorescence microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for FSP-1 assay kit	Ferroptosis inhibitory protein-1(FSP-1) induce non-caspase-dependent apoptosis based on factors such as C-terminal fragment of amino acid series, nuclear translocation and overexpression. Through the FSP1-CoQ10-NAD(P)H pathway and the classical glutathione (GSH)-GPX4 pathway, FSP-1 can protect cells from ferroptosis, and plays a "double-edged sword" role in cell life activities. The detection principle of this kit: FSP-1 catalyzes the substrate reaction to generate NADH, so that its fluorescence value increases under the excitation wavelength of 535nm and emission wavelength of 587nm. Adding inhibitors will inhibit the activity of FSP-1 and cause the rate of increase in fluorescence value to decrease, and the activity of FSP-1 can be calculated by measuring the difference value.
Product Categories/Family for FSP-1 assay kit	Metabolism assay; Cell Metabolism Assays; Ferroptosis

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.