

DPPH Free Radical Scavenging Capacity Assay Kit | DPPH assay kit

DPPH Free Radical Scavenging Capacity Colorimetric Assay Kit

CATALOG #
AAA179648

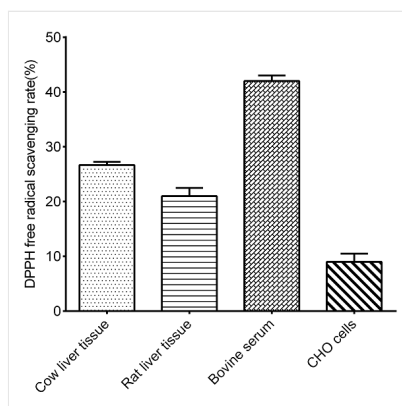
PRODUCT SYNONYMS

DPPH Free Radical Scavenging Capacity; DPPH Free Radical Scavenging Capacity Colorimetric Assay Kit; DPPH assay kit

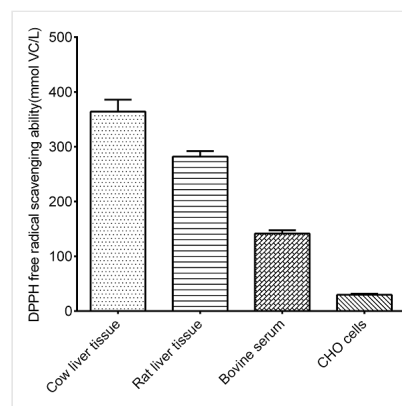
PRODUCT SPECIFICATIONS

Assay Type	Quantitative
Samples	serum, plasma, tissue, cell
Detection Range	17.39-125 $\mu\text{mol VC/L}$
Sensitivity	17.39 $\mu\text{mol VC/L}$
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 2.1-9.5% Intra CV: 0.8-3.8%
Research Area	Oxidative Stress
Test Principle	DPPH is a synthetic organic free radical that can be used to evaluate the antioxidant activity of antioxidants. Its single electron has the maximum absorption at 525 nm, and the DPPH radical scavenging ability of the sample can be calculated by measuring the change of OD value before and after the addition of antioxidants.
Preparation and Storage	This product can be stored at 2-8 degree C for 12 months with shading light. Shipping: Ice bag

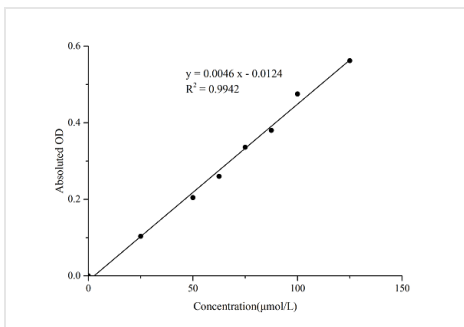
IMAGES



Application Data



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for DPPH assay kit	Cell Metabolism Assays; Oxidative Stress
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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.

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 Online datasheet: <https://stage.aaabiotech.com/assay-kits/dpph-free-radical-scavenging-capacity/179648>