Oxygen Radical Antioxidant Capacity (ORAC) Assay Kit | ORAC assay kit

Oxygen Radical Antioxidant Capacity (ORAC) Fluorometric Assay Kit

CATALOG #
AAA332519

PRODUCT SYNONYMS

Oxygen Radical Antioxidant Capacity (ORAC); Oxygen Radical Antioxidant Capacity (ORAC) Fluorometric Assay Kit; Oxygen Radical Antioxidant Capacity; ORAC; ORAC assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells, Bacteria, Serum, Plasma
Detection Range	2.5-50 uM
Sensitivity	2.5 uM
Preparation and Storage	Store at -20 degree C and protect from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping||Blue ice

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORAC assay kit	Principle of the Assay: Oxygen Radical Absorbance Capacity (ORAC) is a classical method to detect the antioxidant capacity of biomolecules in various samples. ORAC method has the advantages of good specificity, high sensitivity, wide determination range and high throughput screening for antioxidant activity. It has been applied more and more in natural product antioxidant extracts. Food and functional food enterprises generally adopt ORAC as an important evaluation standard for functional food. CheKine™ Oxygen Radical Antioxidant Capacity (ORAC) Fluorometric Assay Kit can detect animal and plant tissues, cells, bacteria, serum, plasma and other samples. The principle is based on fluorescein sodium fluorescence probe, azo compounds AAPH as a source of oxygen free radicals, according to the free radicals damage the fluorescent probe. When the fluorescence intensity changes, the change of fluorescence intensity reflects the degree of free radical damage. In the presence of antioxidants, it inhibits fluorescence changes caused by free radicals. The degree of inhibition reflects its antioxidant ability to free radicals.
Product Categories/Family for ORAC assay kit	Biochemical Assay Kit; Cell Metabolism; Cytology

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/oxygen-radical-antioxidant-capacity-orac/332519