

Total antioxidant capacity Assay Kit

Total antioxidant capacity Assay Kit (ABTS method)

CATALOG #
AAA22103

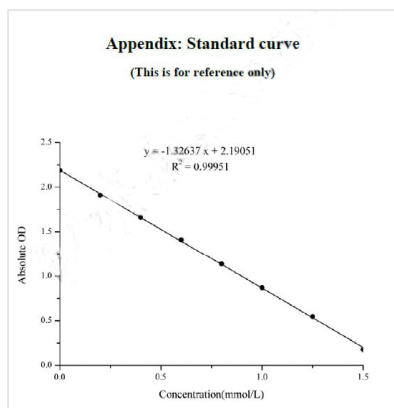
PRODUCT SYNONYMS

Total antioxidant capacity; Total antioxidant capacity Assay Kit (ABTS method); Total antioxidant capacity assay kit

PRODUCT SPECIFICATIONS

Specificity	48T (Can detect 32 samples without duplication)
Samples	Serum, plasma, urine, saliva, tissue, cells sample
Detection Range	0.047-1.5 mmol/L
Sensitivity	0.047 mmol/L
Intra-assay Precision	The intra-assay CV is 2.2%.
Inter-assay Precision	The inter-assay CV is 4.1%.
Preparation and Storage	Reagent5: -20 degree C; Others: 2-8 degree C. Valid for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Total antioxidant capacity assay kit

Principle of the Assay: The principle of the ABTS method for determining the T-AOC is as follows. ABTS is oxidized to green ABTS^{•+} by appropriate oxidant, which can be inhibited if there exist antioxidants. The T-AOC of the sample can be determined and calculated by measuring the absorbance of ABTS^{•+} at 414 nm or 734 nm. Trolox is an analog of VE and has a similar antioxidant capacity to that of VE. Trolox is used as a reference for other antioxidant antioxidants. For example, the TAOC of Trolox is 1, then the antioxidant capacity of the other substance with the same concentration is showed by the ratio of its antioxidant capacity to Trolox antioxidant capacity.

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.