

Total Antioxidant Status (TAS) Assay Kit | TAS assay kit

Total Antioxidant Status (TAS) Colorimetric Assay Kit

CATALOG #
AAA22233

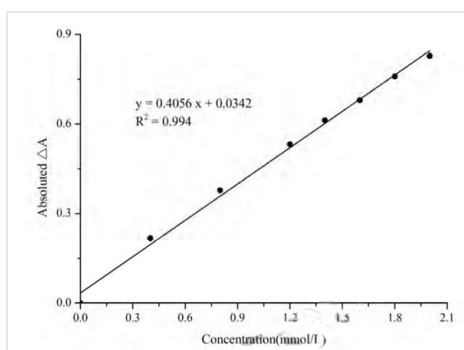
PRODUCT SYNONYMS

Total Antioxidant Status (TAS); Total Antioxidant Status (TAS) Colorimetric Assay Kit; TAS assay kit

PRODUCT SPECIFICATIONS

Specificity	48T (Can detect 32 samples without duplication)
Samples	Serum, plasma, urine, cellular supernatant, animal and plant tissue samples
Detection Range	0.23-2 mmol Trolox Equiv. /L
Sensitivity	0.23 mmol Trolox Equiv. /L
Intra-assay Precision	The intra-assay CV is 4.6%.
Inter-assay Precision	The inter-assay CV is 7.0%.
Preparation and Storage	Store at -20 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAS assay kit	Principle of the Assay: ABTS is oxidized to green ABTS ^{•+} by appropriate oxidant, which can be reduced to colorless ABTS in the presence of antioxidants. The TAS of the sample can be determined and calculated by measuring the absorbance of ABTS ^{•+} at 660 nm. Trolox is an analog of VE and has a similar antioxidant state to that of VE. Trolox is used as a reference substance for total antioxidant status.
Product Categories/Family for TAS assay kit	Metabolism Assay Kit

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.