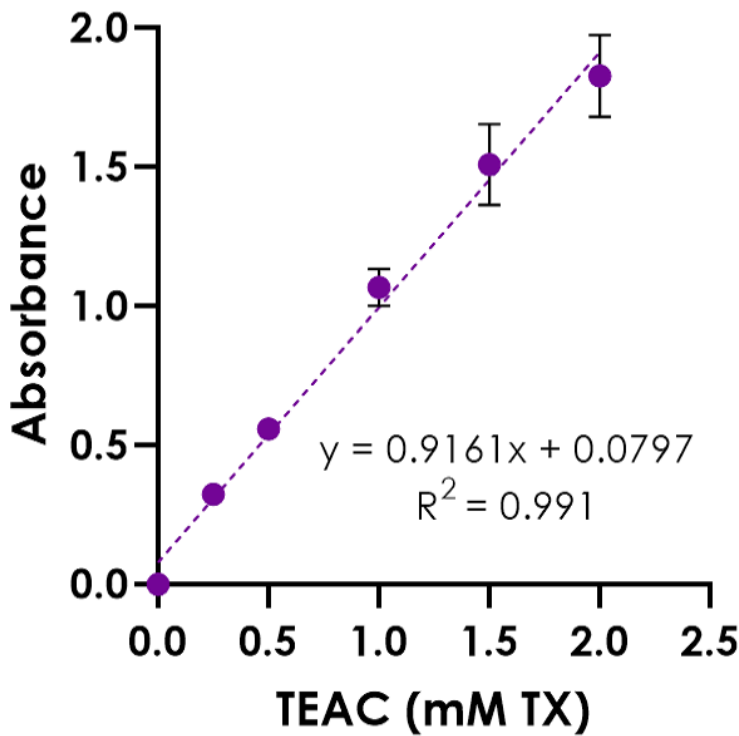




KF01005 | CUPRAC Assay Kit | Antioxidant Capacity



KF01005 | CUPRAC Assay Kit | Antioxidant Capacity

232.00€ – 581.00€ TAX excl.

BQC CUPRAC (Cupric Reducing Antioxidant Capacity) Assay Kit is a quick and very simple test for the direct measurement **total antioxidant capacity (TAC)** in a wide variety of samples.

The BQC CUPRAC TAC Assay Kit is based on the reduction of Cu (II) to Cu (I) by antioxidants. The CUPRAC reagent is a Cu (II)-neocuproine complex that is reduced to Cu (I)-neocuproine chromophore ($\lambda_{max}=450$ nm) in the presence of antioxidants (AOX). Therefore, the absorbance measured at **450 nm** depends linearly on the antioxidant concentration in the sample. The synthetic antioxidant Trolox (included in the kit) is used to standardize the sample TAC relative to Trolox (Trolox Equivalents Antioxidant

Manage consent

Select your protocol when ordering:

- **KF01005 A.** Analysis of agrifood and biological samples with deproteinization step
- **KF01005 B.** Direct analysis of biological samples **without the need for a deproteinization step**

Test

Choose an option

Protocol

Choose an option

-	1	+
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ADD TO CART

SKU: KF01005

Category: Total Antioxidant Capacity (TAC)

Tags: Antioxidant capacity, Assay kit, Colorimetric, CUPRAC, TAC, Total antioxidant capacity

Additional information

Protocol Booklet

Safety Data Sheet (SDS)

Publications

FAQs

Additional information

Sizes: 100,200 and 400 tests

Expiry date: 1 year

Storage: -20°C, and 4°C

Assay time: 45 minutes



Reagents: Reagent A, Reagent B, Reagent C, Reagent D, and Standard (Trolox)

Necessary material: 96 well-plate spectrophotometer

If you need to adapt it for another form of the assay (for example cuvette), contact at support@bqcredox.com

To place an order choose A for general samples (i.e agrifood) or B for biological samples protocol.



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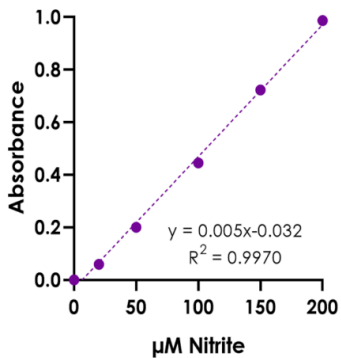


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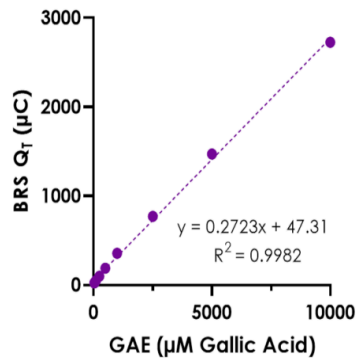
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Related products



KB03010 | Nitrite/Nitrate
Determination Assay Kit

370.00€ – 920.00€ TAX
excl.



ST08002 | Gallic Acid
Standard

TCA Deproteinizing → A protein removal efficiency of over 99 %

- Kit sizes:**
100, 200 and 400 samples
- Storage:**
Room temperature
- Stable for:**
One year
- Total time required for the assay:**
45 min* *It is just an approximation

KB03026 | TCA
Deproteinizing Assay Kit

198.00€ – 407.00€ TAX
excl.

Download our 2026 catalogue

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[DOWNLOAD BQC CATALOGUE !\[\]\(2bdfe261b986065ee0ac76460d6528c9_img.jpg\)](#)

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