

BRS

BQC REDOX SYSTEM

For biomedicine

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Measure directly just with a drop of sample

Portable, direct, fast, and easy

No sample pretreatment

No extra costly instrumentation

No need for skilled personnel

No color interferences



R&D

Oxidative stress analysis



Monitoring



Antioxidant treatments



Health industry





Oxidative stress is an imbalance between oxidants (mainly free radicals) and antioxidants.

Proteins, lipids, and DNA make up a large part of the body so damage them can lead to a vast number of diseases over time. **BRS is a quick and effective tool to determine oxidative stress from total antioxidant capacity as biomarker.**

Control the BRS with the BRS App and obtain results expressed in terms of electric charge (Q).

Thanks to this wide linear range no sample dilution is required.

Get information about how easy or difficult is to oxidize the antioxidants present in a sample:

Q₁. Easy electron transfer/High antioxidant activity

Q₂. More difficult electron transfer/Low antioxidant activity

Q_T. Total antioxidant capacity (**Q₁ + Q₂**)

Samples are measured directly:

Blood Saliva Plasma Serum Urine
Cells Tissues...



Android App and Windows PC App

Are you interested? **Contact us!**