

CYANAGEN
Reagents for Molecular Biology

THE RIGHT LIGHT

QPRO - μ QPRO

protein quantitation
Bicinchoninic Acid (BCA) kit

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www.cyanagen.com

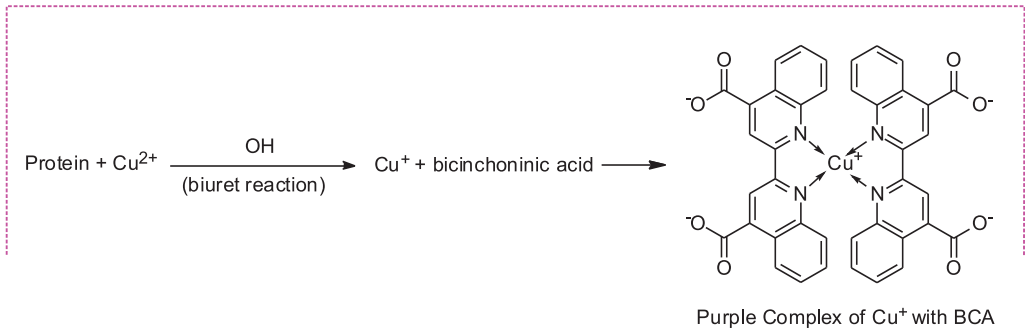
TECHNICAL DESCRIPTION

Qpro and μQpro are Bicinchoninic Acid (BCA) based protein assays for highly sensitive colorimetric analysis. The BCA method is fast and easy, providing enhanced flexibility.

The Bicinchoninic acid assay (BCA) relies on the production of Cu^+ which is converted into a violet-coloured substance when reacting with bicinchoninate.

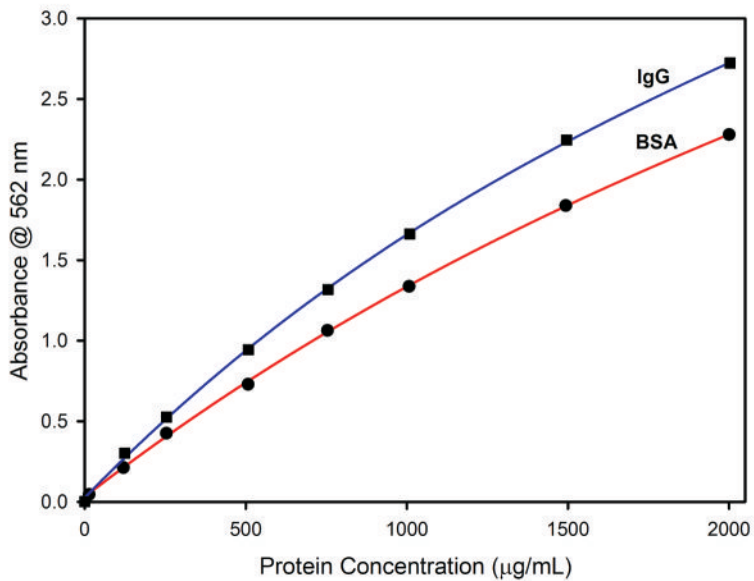
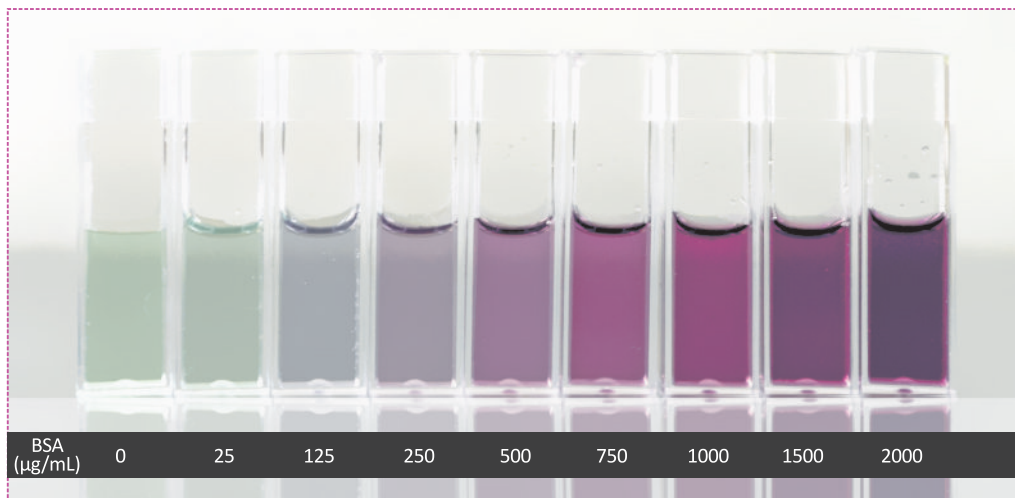
FEATURES

- Broad linear working range with excellent sensitivity
- Can be used with tubes and microplates
- Less protein-to-protein variation than dye-binding methods
- Unaffected by most ionic and non ionic detergents such as Triton™ X-100 and SDS (1%)
- Much easier and faster than the classical Lowry method



product	cat #	size	Cat #
QPRO – BCA kit Standard 20 ÷ 2000 μg/mL protein	PRTD1,0500	Solution A: 500 mL of 1% BCA/tartrate in alkaline carbonate buffer Solution B: 15 mL of 4% $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ in water	
μQPRO – BCA kit Micro 0.5 ÷ 20 μg/mL protein	PRTD2,0500	Solution A: 240 mL of tartrate in alkaline carbonate buffer Solution B: 240 mL of 4% BCA in water Solution C: 12 mL of 4% $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ in water	

IMAGES AND CALIBRATION



Calibration curves for Bovine Serum Albumine (BSA) and Immunoglobulin (IgG)

For further information, visit www.cyanagen.com

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QPRO - μ QPRO

Cyanagen srl has a certified Quality System

ISO 9001:2008 QUALITY CERTIFIED

ISO 9001
BUREAU VERITAS
Certification



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