

Bradford Protein Assay Kit | TP assay kit

Bradford Protein Colorimetric Assay Kit

CATALOG #
AAA177023

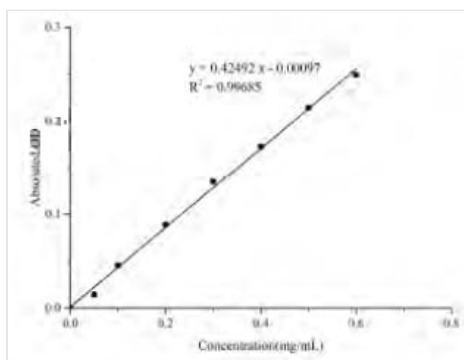
PRODUCT SYNONYMS

Bradford Protein; Bradford Protein Colorimetric Assay Kit; TP assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma and animal tissue samples
Detection Range	0.046-0.6 mg/mL
Sensitivity	0.046 mg/mL
Intra-assay Precision	The intra-assay CV is 3.2%.
Inter-assay Precision	The inter-assay CV is 8.2%.
Preparation and Storage	Reagent 1: 2-8 degree C; Others: -20 degree C. Valid for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TP assay kit

Background: Creatinine (2-amino-1-methyl-2-imidazolidin-4-ketone) is a metabolite formed from creatinine and phosphocreatine. Creatine and phosphocreatine are converted to creatinine in a non-enzymatic manner, and creatinine enters the bloodstream and is filtered by the glomerulus and excreted by the kidneys. Creatinine is found mainly in muscles, heart, brain and photoreceptor cells of retina.

Principle of the Assay: Coomassie brilliant blue G-250 is red under the free state, and it has the maximum absorbance at 465 nm. When the Coomassie brilliant blue G-250 combined to protein, the compound will have the maximum at 595 nm. The absorbance value is directly proportional to the protein content, so the concentration of total protein can be calculated directly by measuring the OD value at 595 nm.

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.