

## Product Datasheet

### Bradford Protein Assay Kit (orb219873)

<b>Description</b>	Bradford Protein Assay Kit
<b>Reactivity</b>	All
<b>Range</b>	15.6 µg/ml - 2000 µg/ml
<b>Storage</b>	Shipped and store at 4°C for 6 months.
<b>Note</b>	For research use only
<b>Application notes</b>	<p>Bradford coomassie-binding, colorimetric method for total protein quantitation is one of dye binding methods. Coomassie Brilliant Blue G-250 in the free state shows brown, and its maximum light absorbance is 488nm. When Coomassie Brilliant Blue G-250 combines with protein, it turns brown into blue, and the maximum absorption is 595 nm. The absorbance at 595nm is proportional to the protein concentrations. Protein binding Coomassie Brilliant Blue G-250 reaches a balance in about 2 minutes. The complex remains stable in 1 hour at room temperature. The method has superiority such as simple and convenient operation, sensitive reaction (4 times higher than Lowry Method), etc. Bradford protein assay kit is developed based on Bradford coomassie-binding method. This method has traits of simple and convenient operation, high sensitivity, accurate quantification and stable effect.</p>
<b>Sample Types</b>	All
<b>Expiration Date</b>	12 months from date of receipt.