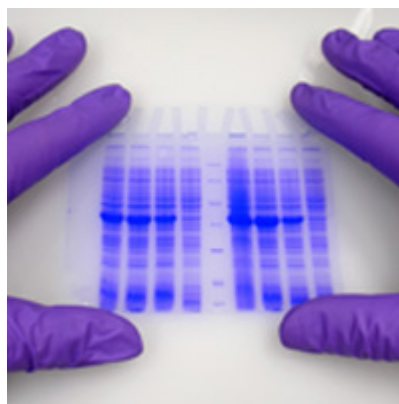


# Coomassie Brilliant Blue

## R-250 Protein Stain



### Features:

- Easy to detect, Develops intense colored complexes with proteins
- High sensitivity, Determines as little as 0.5 µg/cm<sup>2</sup> of protein present in a gel matrix
- Reversible staining

This Coomassie Brilliant Blue R-250 staining solution is the fastest and easiest way to stain proteins on precast gels or other polyacrylamide protein gels. Typically, Coomassie gel stains and protein assay reagents are formulated as very acidic solutions in 25 to 50% methanol. In acidic conditions, the dye binds to proteins primarily through basic amino acids (primarily arginine, lysine and histidine), and the number of Coomassie dye ligands bound to each protein molecule is approximately proportional to the number of positive charges found on the protein. Protein-binding causes the dye to change from reddish-brown to bright blue.

Cat No.	Size	UOM
ES51778	1 Liter	Each
ES51779	1 Gallon	Each