



5x Protein Loading Buffer (Non-denatured)

This product is a safe and odorless 5 fold concentrated protein modified sample buffer. Its main ingredients are SDS , reducing agent, bromophenol blue, buffer salt solution, etc. SDS binds to the protein so that the protein with a large number of the composite negative charge, then the charge of the protein itself completely SDS masked, eliminating differences in charge of various proteins themselves; SDS can also break the molecules and intermolecular opening The hydrogen bonds destroy the secondary and tertiary structure of protein molecules. DTT may be disconnected between cysteine residues in disulfide bond, destruction of the protein structure, to eliminate the differences between the protein structure. The final protein (subunit) with no charge and structural difference, the electrophoresis speed is only related to its molecular weight. Bromophenol blue is used as an indicator during electrophoresis, and can roughly indicate the end of electrophoresis.

Catalog No.	502121
Size	10mL
Product Category	SDS-PAGE Buffer & Reagent
Storage/Stability	-20°C/1 year
Shipping	Gel Packs