

## SDS-PAGE - SDS-PAGE Buffer Components

SDS-PAGE Buffer Components  
The SDS-PAGE buffer components are used to denature proteins and to separate them based on their size. The components include:

- Denaturing agent (e.g., SDS) to disrupt protein structure and facilitate separation by size
- Reducing agent (e.g., beta-mercaptoethanol or DTT) to reduce disulfide bonds between proteins
- Protein loading dye (e.g., bromophenol blue or Coomassie Blue) to track protein loading
- SDS-PAGE PAGE gel (e.g., 5% – 10% acrylamide gel) containing 0.2% SDS and 0.2% VAMP to separate proteins based on size

SDS-PAGE Buffer Components  
SDS-PAGE Buffer Components