

Western-Ready™ Protein Sample Loading Buffer (5X)

Catalog# / Size	426311 / 20 mL
Regulatory Status	RUO
Description	Western-Ready™ Protein Sample Loading Buffer (5X) can be used for the preparation of samples for non-reducing and reducing SDS-PAGE.

Product Details

Formulation	300 mM Tris-HCl pH 6.8, 10% Sodium dodecyl sulfate, 30% glycerol, 0.02% Bromophenol blue
Storage & Handling	Ambient room temperature
Application	WB - Quality tested
Recommended Usage	Dilute Western-Ready™ Protein Sample Loading Buffer (5X) to a 1X concentration (1:4 by volume) using appropriate amount of sample and diluting solution (ie: water, lysis buffer, etc). For sample that are to be used for reducing PAGE, a reducing agent such as as β -ME, DTT, or TCEP must be added to buffer prior to mixing and heating sample.
Application Notes	<p>Western-Ready™ Protein Sample Loading Buffer (5X) contains SDS, which may precipitate at cooler temperatures. If preceipitates are observed in the buffer, heat in 37°C water bath for 5 min to bring SDS back into solution.</p> <p>Western-Ready™ Protein Sample Loading Buffer (5X) is compatible with Bis-Tris, Tris-Glycine, and Tris-Acetate gels.</p> <p>Western-Ready™ Protein Sample Loading Buffer (5X) does not include any reducing agents. For reducing SDS-PAGE, we recommend adding a reducing agent such as β-ME, DTT, TCEP to buffer prior to mixing with sample.</p> <p>This buffer should not be used for native PAGE.</p> <p>This buffer may be used to elute captured immune complexes during immunoprecipitation-based applications.</p>

Antigen Details

Gene ID	NA
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Related Protocols

[Western Blotting Protocol](#)

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