

Silver Stain Kit for Mass Spectrometry

Silver staining of proteins followed by mass spectrometry (MS) analysis is a sensitive technique for protein identification in the field of proteomics. Orochem Silver Stain Kit contains all the necessary reagents for fast and ultra-sensitive silver staining of proteins in polyacrylamide gels. The excised gel pieces can be efficiently destained using the destaining reagents to recover the protein for subsequent MS analysis.

HIGHLIGHTS

- **Sensitive and fast staining** – the low-background, easy-to-use silver stain provides picogram sensitivity, detecting proteins at less than 250pg per spot in 30 minutes after fixing
- **Flexible staining protocol** – fix gel for 15 to 30 minutes or overnight without any affect on staining performance; stain for 1 to 30 minutes (typically 2 to 3 minutes)
- **Robust** - effective silver stain for even difficult-to-stain basic proteins
- **Simple spot preparation** – stained spots in excised gel-pieces are easily destained and made ready for tryptic digestion in one hour
- **MS compatible** – reagents and protocol are optimized to provide excellent performance in mass spectrometry following extraction of peptides from stained 1D or 2D gels (SDS-PAGE)
- **Complete kit** – contains all reagents necessary for staining and destaining before in-gel proteolysis and peptide recovery for analysis by mass spectrometry

Silver Stain Kit for Mass Spectrometry

Ordering Information: Please enquire for price. ****25% less than other suppliers****

Catalog No.	Description	Package Size
OCPSSKMS1	<p>Silver Stain Kit for Mass Spectrometry Formulation: Proprietary solutions Sufficient For: Staining 20 mini gels (SDS-PAGE) and destaining 500 gel plugs</p> <p>Kit Contents: Silver Stain Sensitizer, 2mL Silver Stain, 500mL Silver Stain Enhancer, 25mL Silver Stain Developer, 500mL Silver Destain Reagent A, 4mL Silver Destain Reagent B, 14mL</p>	1 L