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## Prestained Protein SHARPMASSTM VI

Protein MW marker (5-245 kDa)

Cat.n.: EPS025500 - Size 500 µl

EPS025500 **Prestained ProteinSHARPMASSTM VI** 500 µl - Sufficient for 100-200 mini-gel lanes

### Storage and Stability

Stable for up to 2 weeks at 25°C. Stable for up to 3 months at 4°C. Stable for 24 months at -20°C. The product is shipped at +4°C

### Introduction

**Prestained ProteinSHARPMASSTM VI** is a three-color protein standard with 13 pre-stained proteins covering a wide range molecular weights from 5 to 245 kDa. Proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25 kDa and 75 kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer). **Prestained ProteinSHARPMASSTM VI** is designed for monitoring protein separation during SDS-polyacrylamide gel electrophoresis, verification of Western blot transfer efficiency on membranes (PVDF, nylon, or nitrocellulose) and for approximating the protein size. The ladder is supplied in gel loading buffer and is ready to use. Do not heat, dilute, add reducing agent before loading.

### Contents

**Prestained ProteinSHARPMASSTM VI** contains 0.1 - 0.4 mg/ml of each protein in 20 mM Tris-phosphate (pH 7.5 at 25°C), 2 % SDS, 10 mM Dithiothreitol, 3.6 M Urea, and 15 % (v/v) Glycerol.

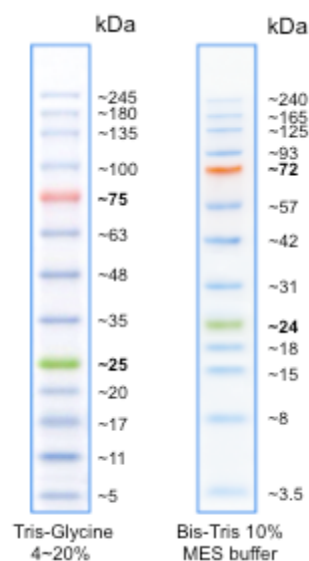
### Procedure:

Thaw the marker at room temperature  
Do not heat or boil  
Vortex gently and apply marker directly to the gel  
Start the gel run  
After gel electrophoresis the gel can be stained by Coomassie staining or used for Western blot

### Loading volume

Gel thickness	Loading vol.
0.75 mm (mini gel)	3 µl
1.5 mm (mini gel)	5 µl

Note. The apparent molecular weight (kDa) of each protein has been determined by calibration against unstained protein standards; supplemental data should be considered for more accurate adjustment in different electrophoresis conditions.



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MOLECULAR  
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EuroClone S.p.A.  
Via Figino 20/22, 20016 Pero (MI) - Italy  
Phone: +39.02.38195.1 - Fax +39.02.38101465  
e-mail: info@euroclone.it

[www.euroclone.it](http://www.euroclone.it)

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