

PRODUCT INFORMATION

SERVA VisiBlot Standard I

Cat. No. 39260

PRODUCT DESCRIPTION

SERVA VisiBlot Standard I contains 10 recombinant proteins ranging from 25 kDa to 150 kDa. The protein bands at 25 kDa, 45 kDa and 85 kDa are pre-stained. These bands allow the monitoring of the separation performance and the transfer efficiency. The other proteins contain several IgG binding sites, binding to primary or secondary antibodies in western blotting. The standard can also be used for optimizing western transfer conditions, verification of antibody conjugated peroxidase intactness, and controlling the detection system. VisiBlot Standard can be used in chemiluminescence or chromogenic detection methods. It is compatible with most immune detection methods, including horseradish peroxidase or alkaline phosphatase systems.

Usage Information:

- Ready-to-use format, no need to heat or reduce prior to loading
- Recommended loading volume
Mini gel: 5 μ l (suitable for 100 lanes)
Large gel: 10 μ l (suitable for 50 lanes)
It is possible to increase the loading volume depending on the binding affinity of the antibody species and the sensitivity of the detection system in use.
- Number of bands: 3 pre-stained, 7 for immuno detection
- MW range: 25 - 150 kDa

Storage 125 mM Tris/HCl, pH 6.8; 10 mM DTT,

Buffer: 17.4 % glycerol, 3 % SDS, 0.01 % phenol red

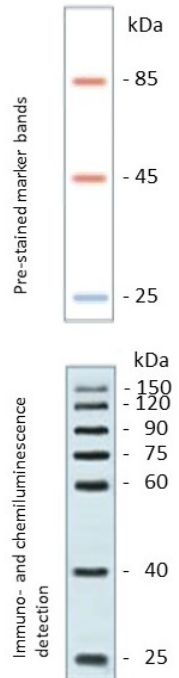
User Directions:

- Completely thaw the standard and mix it well.
- Apply the recommended marker volume and the samples on the gel. Run the electrophoresis using the desired buffer system.
- Electro-blotting of the proteins to a membrane
- Antibody incubation using method of choice
- Detection using chemiluminescence or colormetric system
- **Storage:** -15 °C to -25 °C, in aliquots

Troubleshooting:

Weak or uneven signals: Check detection system and western transfer efficiency

Highly dense or dispersed signals: Decrease loading volume 1:10 - 1:1000



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