

WB-MASTER Protein Standard

● PACKAGE

Product Name:

WB-MASTER Protein Standard

Quantity: 250 µl/vial

● PRODUCT INFORMATION

Cat. No: M00521

Storage Buffer: 200mM Tris-HCl, pH 7.3; 15% glycerol; 2% SDS; 20mM EDTA; 50mM DTT; 0.01% bromophenol blue .

Storage: -20°C

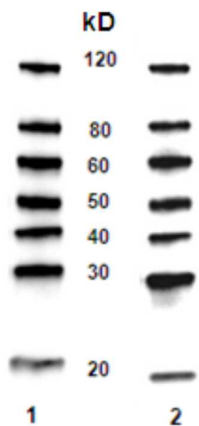
● PRODUCT DESCRIPTION

WB-MASTER Protein Standard is designed for convenient protein band identification in western blot. This standard consists of seven recombinant proteins with molecular weight of 20 kDa, 30 kDa, 40 kDa, 50 kDa, 60 kDa, 80 kDa and 120 kDa. Each of the proteins contains an IgG binding site that is able to bind to primary or secondary antibodies derived from a wide range of host species. The standard thus enables direct visualization of both the protein marker and users' samples on the same western blot membrane without any additional reagents.

● APPLICATION

1. Approximating the size of proteins for Western blots.

● CHEMILUMINESCENT DETECTION OF THE MOLECULAR WEIGHTS



The WB-MASTER Protein Standard was loaded 5µl on Express Plus™ PAGE Gel, 4-20% (Genscript, Cat.No.M42012) and transferred to NC membrane (0.22µm) by tank transfer (Fig.1) and eBlot™ semidry blotting system (Genscript, Cat.No.L03010 Fig.2). The membrane was detected with GST-tag Antibody, pAb, Rabbit (Genscript, Cat.No.A00097, dilution: 1/4,000) and Peroxidase Conjugated Affinity Purified Anti-Rabbit IgG [GOAT] (dilution: 1/10,000).

● RECOMMENDATIONS

1. Load 5 µl per lane for a mini-gel.
2. Do NOT boil this product.
3. Bands intensity may vary according to gel types, transfer condition and choice of antibody, so please adjust loading volume from 2.5 µl -10 µl.