

Western Blot and Protein Staining Workflow Solutions

Western blot enables detection, visualization, and quantification of a specific protein from a sample of tissue homogenate or extract. To achieve the desired results, several factors must be considered, including the technique itself and the quality of consumables utilized.

With the help of our reagents and consumables, you can complete these blotting steps/procedures more quickly and effectively, producing better results in crucial areas such as:

✓
Accurate molecular weight measurements

✓
Improvements in gel staining

✓
Time-savings on blocking

✓
Enhanced signal detection

✓
Better band visualization

Band	Color	TRIS-GLYCINE/ kDa	BIS-TRIS (MOPS)/ kDa	BIS-TRIS (MES)/ kDa
1	Blue	180	170	170
2	Blue	140	130	130
3	Blue	100	93	93
4	Red	75	70	72
5	Blue	60	53	53
6	Blue	45	41	42
7	Blue	35	30	30
8	Green	25	22	23
9	Blue	15	14	14
10	Blue	10	9	10

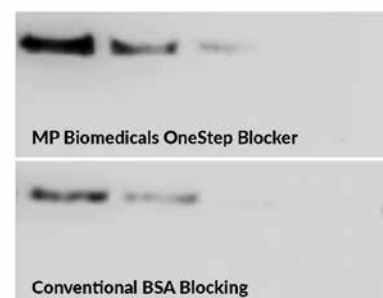
Protein Extraction & Loading

- RIPA Lysis Buffers
- Inhibitor Cocktails
- Loading Buffers
- Protein Ladders



PAGE Analysis

- Running Buffers
- Precast Gels
- Gel Staining Solutions



Western Blot

- Blocker and Signal Enhancer
- Membrane Wash
- WB ECL Substrate

Protein Extraction & Loading	Category	Name	Cat. No.
	RIPA Lysis Buffer	RIPA buffer with Triton X-100, 500 mL	04822792
	Inhibitor Cocktails	Protease and Phosphatase Inhibitor Cocktail-10X	08W00017
		Phosphatase Inhibitor Cocktail-10X	08W00018
	Loading Buffers	Quick Fluorescent Loading Buffer (SDS-PAGE)-3X	08W00013
		Quick Fluorescent Loading Buffer (Native-PAGE)-3X	08W00014
		Protein Loading Buffer (SDS-PAGE)-5X	08W00015
		Protein Loading Buffer (Native-PAGE)-5X	08W00016
	Protein Ladders	Fluorescent Protein Marker (250 µL)	08W00009
		Prestained Triple Color Protein Ladder (10-180 kDa)	08L100025
Prestained Molecular Weight Standard, Dual Color (0.5 mL)		08W00027	

PAGE Analysis	Category	Name	Cat. No.
	Running Buffers	Tris-Glycine Running Buffer for SDS-PAGE (Powder)	08W00010
		Tris-Glycine Running Buffer for Native PAGE (Powder)	08W00011
		Ultra-Fast Running Buffer for SDS-PAGE (Powder)	08W00012
		MOPS SDS Running Buffer for Bis-Tris Gels (Powder)	08W00025
		MES SDS Running Buffer for Bis-Tris Gels (Powder)	08W00026
	Precast Gels	Precast Gel Plus Tris-Gly 10%, 10 Wells	08W00001
		Precast Gel Plus Tris-Gly 10%, 15 Wells	08W00002
		Precast Gel Plus Tris-Gly 12%, 10 Wells	08W00003
		Precast Gel Plus Tris-Gly 12%, 15 Wells	08W00004
		Precast Gel Plus Tris-Gly 15%, 10 Wells	08W00005
		Precast Gel Plus Tris-Gly 15%, 15 Wells	08W00006
		Precast Gel Plus Tris-Gly 4-20%, 10 Wells	08W00007
		Precast Gel Plus Tris-Gly 4-20%, 15 Wells	08W00008
		Precast Gel Plus, Bis-Tris, 4-20% Acrylamide, 10 Wells	08W00022
		Precast Gel Plus, Bis-Tris, 4-20% Acrylamide, 10 Wells	08W00023
		Precast Gel Plus, Bis-Tris, 4-20% Acrylamide, 15 Wells	08W00024
	Gel Staining Solution	Ultra-Blue Fast PAGE Gel Staining Solution	08X100001

Western Blot	Category	Name	Cat. No.
	Blocker and Signal Enhancer	OneStep Western Blocker and Signal Enhancer (Protein Free)	08X100002
	Membrane Wash	Tris-Buffered Saline, TBS (Powder)	08W00020
	WB ECL Substrate	Ultra-Sense Femto-Plus Western ECL Substrate	08X100003



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