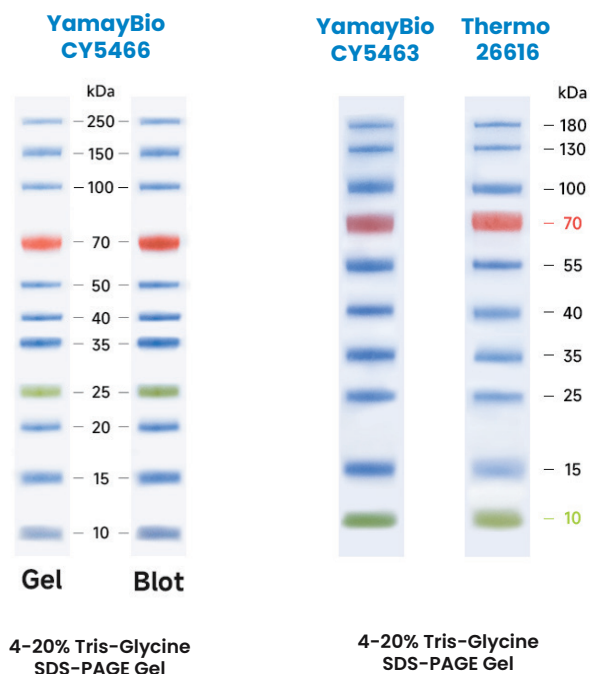


Prestained Protein Ladder

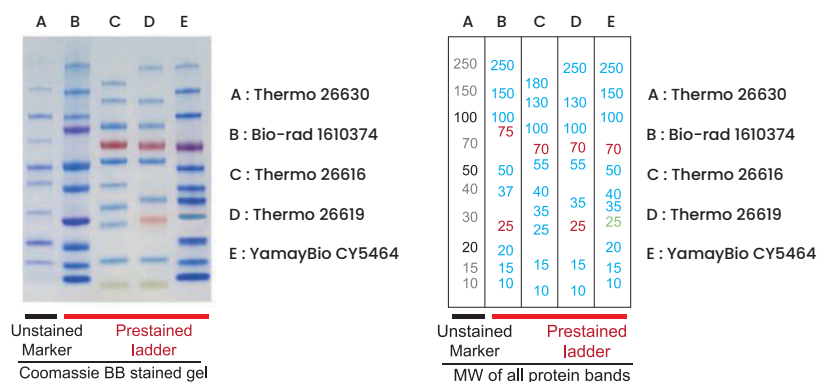
Key Features

- High accuracy in molecular weight
- Reasonable distribution of protein bands, bands are easier to remember
- No protein tags, minimize antibody hybridization reactions
- Protein bands are stable



Description	Cat. No.	Quantity
Tricolor Prestained Protein Ladder 10kDa~180kDa(Orange , Green & Blue)	CY5463-500 CY5463-2500	250μL×2 250μL×10
Tricolor Prestained Protein Ladder 10kDa~250kDa(Orange , Green & Blue)	CY5466-500 CY5466-2500	250μL×2 250μL×10

High accuracy in molecular weight



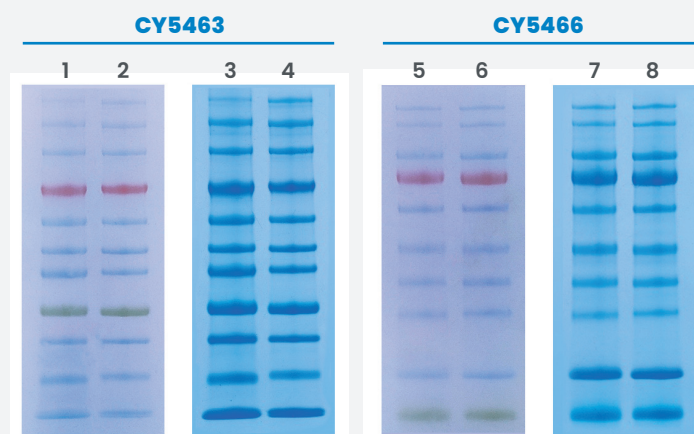
Compared to the non-stained protein ladders, most bands of YamayBio CY5464 are accurate, while both Thermo protein ladders show a significant difference at 3 bands — 10kD, 35kD, 100kD;

The Biorad 1610347 product exhibits significant variability in the 75kDa band and some variability in the 37kDa band.

Left: Pre-stained protein ladders and non-stained protein ladder.

Right: the molecular weight of the 5 protein ladders.

Excellent stability



Lane 1,3,5,7 Stored at room temperature for 60 days

Lane 2,4,6,8 Stored at -20°C

Protein Ladders CY5463 and CY5466 were stored at room temperature for 60 days and at -20°C. A comparison of 4-20% SDS-PAGE electrophoresis and Coomassie Brilliant Blue staining results showed short-term storage of these protein ladders at room temperature is feasible.

A. 12% Bis-Tris SDS-PAGE Gel

B. NC membrane

Lane 1-11 represent CY5466 protein ladder were freezed at -80°C and thawed 0 time, 5 times, 10 times, 15 times, 20 times, 25 times, 30 times, 35 times, 40 times, 45 times, 50 times.

The result shows that CY5466 has excellent stability after 50 times repeatedly freezing and thawing.