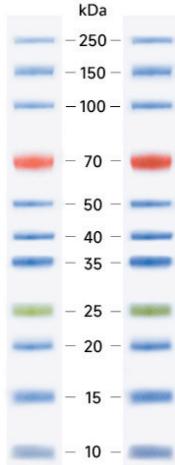


Prestained Protein Ladder

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

**YamayBio
CY5466**



Gel

**YamayBio
CY5463**



Blot

**4-20% Tris-Glycine
SDS-PAGE Gel**

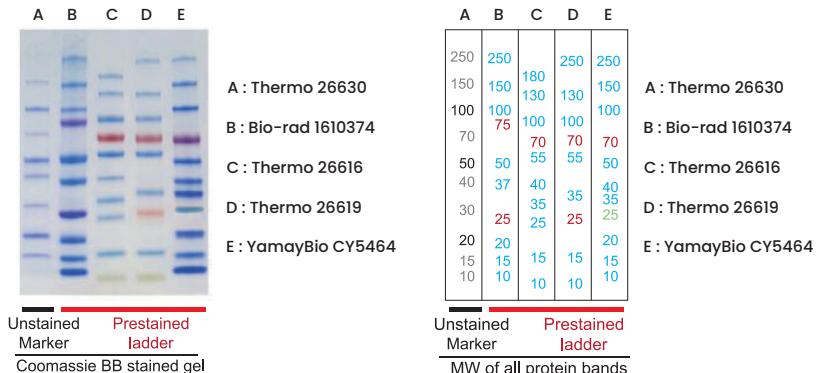
**Thermo
26616**



**4-20% Tris-Glycine
SDS-PAGE Gel**

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



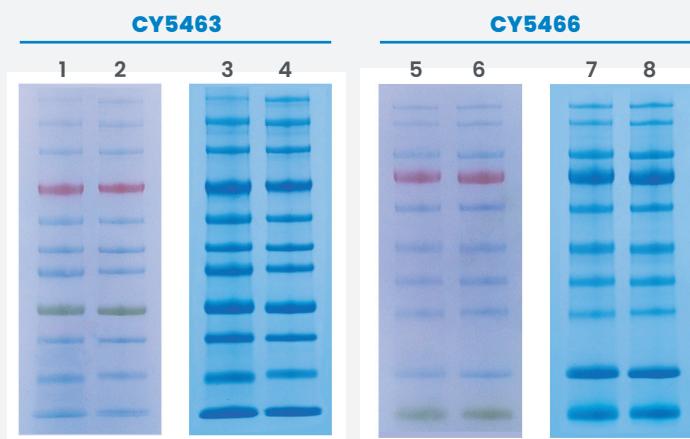
Left: Pre-stained protein ladders and non-stained protein ladder.

Right: the molecular weight of the 5 protein ladders.

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.

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.