

Storage: -20 °C

Instructions: Chameleon™ Pre-stained Protein Ladders are provided ready to use in loading buffer. Bring the product to room temperature while protecting from light. Mix the product thoroughly before use to dissolve any solids that may have precipitated at -20°C. Do not heat above room temperature.

Recommended Loading Volumes:

SDS-PAGE Application	Load Volume
Mini Gels	10 µL
Western blotting (mini gels)	5 µL

Signal Optimization for Chameleon Kit: The Kit is designed to independently allow the determination of the fluorescence signal intensity of the Marker in the 700 and 800 channels on the Odyssey® family of imagers. Customer optimization is required. Test samples composed of mixtures prepared at the ratios listed below are shown on the reverse side of this card. Note: The dilution recommendations below are for use with the Chameleon Kit components only; mixing the Chameleon 700 and Chameleon 800 products (P/Ns 928-70000 and 928-80000) will not result in the same appearance.

Components	700/800				
Amount to add (µL)	5/1	4/2	3/3	2/4	1/5

Load 5 µL of each. See expected NIR Western blot image of concentrations on reverse side of card.

Instructions for Sizing Bands:

For complete details on sizing bands using Chameleon Pre-stained Protein Ladders with Image Studio™ software, view the tutorial at www.licor.com/chameleon. It is important to define and use the appropriate Marker Set for accurate sizing, as each product contains bands with different molecular weights.

- Define an independent Marker Set in the Western (or MPX™ Western) Analysis ribbon.
- Select the Marker Set that matches the product you have purchased and the channel in which the band you want to size is located. For example, to size a band in the 700 channel using the Chameleon Duo Ladder, choose the “Chameleon Duo 700” Marker Set.
- Select the appropriate number of marker lanes, move the Marker Handle over the marker lane(s), and proceed with finding bands.
- To size bands in a different channel, be sure to select the Marker Set that matches the product and the channel in which your band(s) of interest are located.

For complete details and to view the tutorial, go to

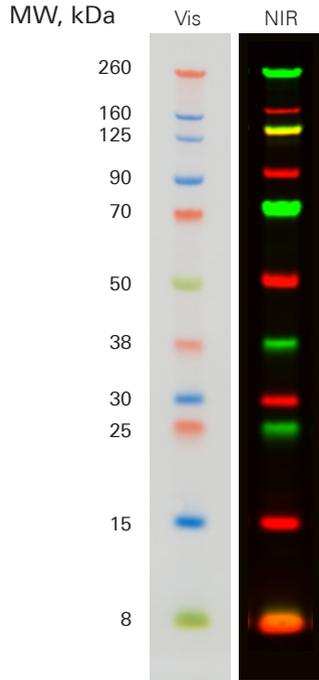
www.licor.com/chameleon

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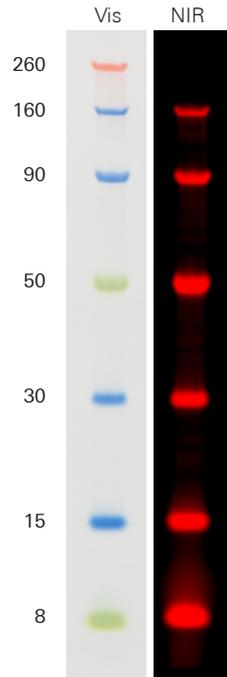


Chameleon

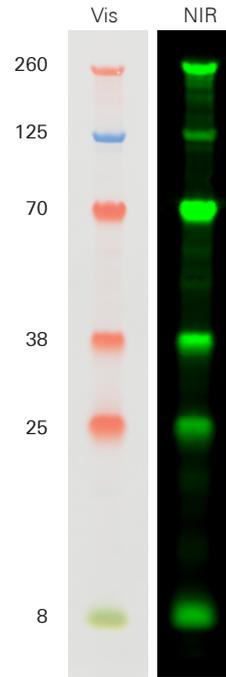
Pre-stained Protein Ladders



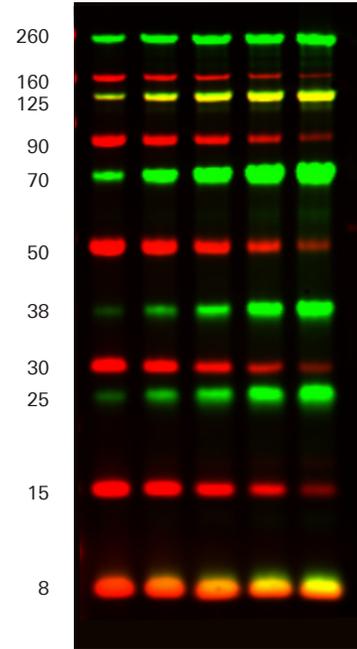
Chameleon™ Duo
LI-COR P/N 928-60000



Chameleon 700
LI-COR P/N 928-70000



Chameleon 800
LI-COR P/N 928-80000



Chameleon Kit
LI-COR P/N 928-90000