

Protein Molecular Weight Markers

Low Molecular Weight Marker High Molecular Weight Marker

Background Information

Upon receipt of these items, storage at 4 °C is recommended (unless using within a week then these items can be stored at room temperature.) The markers are viable for three months from the date received if stored properly.

The samples are ready to run as is, and the usual amount needed per lane to run is 20µL. The samples must be stained with a protein stain, and then destained for visualization of the bands.

Low Molecular Weight Marker Fragments

Fragment	Molecular Weight (Daltons)
1 (Bovine Serum Albumin)	66,000
2 (Egg Albumin)	45,000
3 (Carbonic Anhydrase)	29,000
4 (Trypsin Inhibitor)	20,000
5 (Lysozyme)	14,000

High Molecular Weight Marker Fragments

Fragment	Molecular Weight (Daltons)
1 (Urease)	66,000
2 (Fructose-6-P-Kinase)	45,000
3 (Bovine Serum Albumin)	29,000
4 (Catalase, Bovine Liver)	20,000
5 (Egg Albumin)	14,000
6 (Carbonic Anhydrase)	29,000