

# Protein Molecular Weight Markers

## [39 W 2108 Low Molecular Weight Marker](#)

## [39 W 2109 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)	120,000
2 (Fructose-6-P-Kinase)	83,000
3 (Bovine Serum Albumin)	66,000
4 (Catalase, Bovine Liver)	60,000
5 (Egg Albumin)	45,000
6 (Carbonic Anhydrase)	29,000