

GeNei™ PROTEIN MOLECULAR WEIGHT MARKERS
Selection Guide

Wide Range of Marker for Poly-Acrylamide Gel Electrophoresis

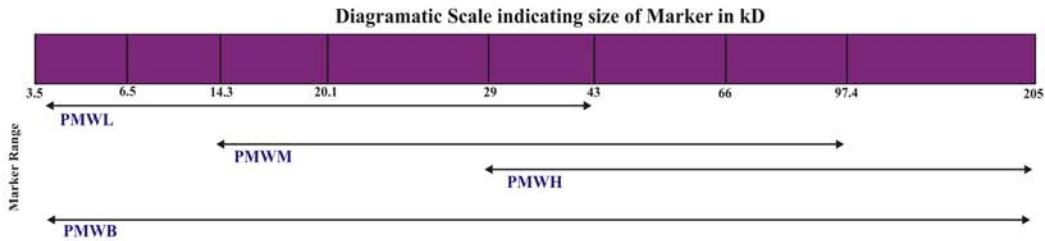
GeNei™ Protein Markers are available for various Protein Electrophoresis Applications, stringently screened to ensure consistent band intensity and migration.

TOOLS FOR PROTEOMIC RESEARCH

UNSTAINED PROTEIN MARKERS FOR ACCURATE SIZING				PRE-STAINED PROTEIN MARKER	MARKER FOR SILVER STAINING	SDS PAGE TRACK PROTEIN MARKER FOR EASY IDENTIFICATION	PROTEIN MARKER FOR WESTERN BLOTTING		FLUORESCENT PROTEIN MARKER	NATIVE PAGE PROTEIN MARKER
kD	kD	kD	kD	kD	kD	kD	kD	kD	kD	kD
43	97.4	205	205	97.4	97.4	43	98	68	98	1 2 3 4 5
29	66	97.4	97.4	68	66	29	68	44	67	<p>Lane 1: 240kD Lane 2: 67 Lane 3: 43 Lane 4: 20.1 Lane 5: 18.4kD</p>
20.1	43	66	66	44	43	20.1	44	29	44	
14.3	29	43	43	29	29	14.3	29	20	30	
6.5	20.1	29	29	16	18.4	6.5	16	7.5	19	
3.5	14.3	16	14.3	Dye Front	6.5	3.5	Dye Front			
Lower Range	Medium Range	Higher Range	Broad Range	Medium Range	Medium Range	Lower Range	Medium Range	Lower Range	Medium Range	
PMWL	PMWM	PMWH	PMWB	PPMWM	PMWSS	RPMWL	PPMWM	CPM1	PMWF	PMWN
105976	105979	105977	105975	116632	105980	107644	116632	105305	107642	107643

SDS PAGE Track Marker

Feature: Leading and the trailing protein bands are colored
Advantage: To monitor electrophoretic run.



Application	Unstained Protein Marker				Pre-Stained Marker		Speciality Marker			
	Lower Range	Medium Range	Higher Range	Broad Range	Colored (Lower Range)	Pre-Stained	SDS-PAGE Track (Lower Range)	Fluorescent (Medium Range)	Silver Staining	Native PAGE
Molecular Weight Range (in kD)	3.5 - 43	14.3 - 97.4	29 - 205	3.0 - 205	6.5 - 66	15 - 98	3.5 - 43.5	18.4 - 97.4	18.4 - 97.4	18.4 - 240
8 - 20% Gradient SDS PAGE	Good	---	---	Best	---	---	---	---	---	---
15% SDS PAGE	Best	---	---	---	---	---	Best	---	---	---
12% SDS PAGE	---	Best	---	---	Best	Best	---	Best	Best	---
10% SDS PAGE	---	---	Good	---	Good	Good	---	Good	Good	Best
8% SDS PAGE	---	---	Best	---	---	---	---	---	---	---
Western Blotting	---	---	---	---	Good	Best	---	Best	---	---
Detection with UV Light	---	---	---	---	---	---	---	Best	---	---
Sharp Bands	Good	Best	Best	Best	Good	Best	Best	Best	Best	Good
Monitor Electrophoresis	---	---	---	---	Good	Best	Best	---	---	---
Silver Staining	---	---	---	---	---	---	---	---	Best	---
MW Estimation	Best	Best	Best	Best	Good	Good	Best	Good	Best	Good
Old Catalogue Number	PMWL	PMWM	PMWH	PMWB	CPM-1	PPMWM	RPMWL	PMWF	PMWSS	PMWN
New Catalogue Number	105976	105979	105977	105975	105305	116632	107644	107642	105980	107643

- Unstained Markers provide an accurate estimation of size.
- Pre-stained Markers are ideal for confirming the electrophoresis run and estimating the efficiency of transfer (blotting) onto a membrane.
- The size difference between unstained and pre-stained protein is 500-1000 Daltons, as the proteins have been saturated with dye to ensure consistent color intensity.