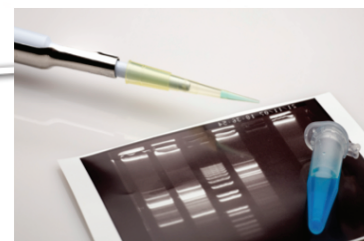


SIZING STANDARDS AND MARKERS

BioMarker™ Expanding the Frontiers of Double Stranded DNA Sizing Accuracy



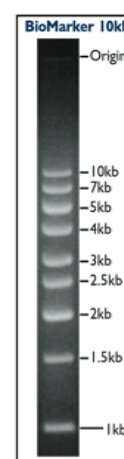
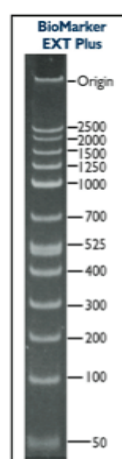
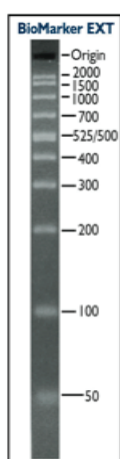
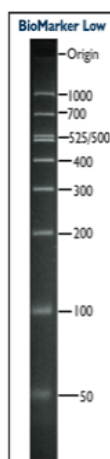
BioMarker™ sizing standards provide accurate sizing of dsDNA bands over different size ranges with nine bands of equal ethidium bromide intensity. Pre-treated to expose 5'OH groups, the markers are kinase ready, require no dephosphorylation and offer stability at ambient temperatures. BioMarker™ standards are optimal for determining size using gel electrophoresis, capillary electrophoresis, gel filtration chromatography and HPLC. Each BioMarker™ has a concentration of 10ng/band/ul with a recommended loading protocol of 5ul of BioMarker™ and 1ul of 6X Loading Dye(included).

All BioMarker™ standards are evaluated for resolution intensity and background on 10% acrylamide and 3:1 NuSieve Agarose gels with ethidium bromide staining. They are designed to provide fully resolved bands for accuracy without ambiguity or co-migration.

Custom configurations are also available, design online at www.bioventures.com, email support@bioventures.com or call customer support.

Ordering Information:

Catalog Number	Name	Description	Size
M1	BioMarker™ Low 50-1000bp	Contains linear double-stranded DNA bands of 1000; 700; 525; 500; 400; 300; 200; 100 and 50 base pairs.	50 Assays
M1A	BioMarker™ Low 50-1000bp (w/o 525 bp band)	Contains linear double-stranded DNA bands of 1000; 700; 500; 400; 300; 200; 100 and 50 base pairs.	50 Assays
MX	BioMarker™ EXT 50-2000bp	Contains linear double-stranded DNA bands of 2000; 1500; 1000; 700; 525; 500; 400; 300; 200; 100 and 50 base pairs.	50 Assays
MXA	BioMarker™ EXT 50-2000bp (w/o 525 bp band)	Contains linear double-stranded DNA bands of 2000; 1500; 1000; 700; 500; 400; 300; 200; 100 and 50 base pairs.	50 Assays
MXP	BioMarker™ EXT Plus 50-2500bp	Contains linear double-stranded DNA bands of 2500; 2000; 1500; 1250; 1000; 700; 525; 500; 400; 300; 200; 100 and 50 base pairs.	50 Assays
M2	BioMarker™ High 1000-3000bp	Contains linear double-stranded DNA bands of 1000; 1500; 2000; 2500; 3000 base pairs.	50 Assays
M10KB	BioMarker™ 10kb 1 kb-10kb	Contains linear double-stranded DNA bands of 1.0; 1.5; 2.0; 2.5; 3.0; 4.0; 5.0; 7.0 and 10 kilo bases (KB).	100 Assays



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