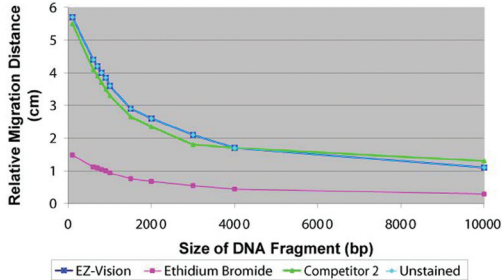


DNA Markers from AMRESCO

Instant ladder visualization with non-toxic, non-mutagenic formula

DNA Migration in Agarose Gels



Relative migration of pre-stained samples of dsDNA in a 1% agarose gel with EZ-Vision®, Competitor Dye, and Ethidium Bromide. The data shows that EZ-Vision has much less effect on DNA migration than ethidium bromide or the competitor dye. Samples stained with EZ-Vision are not impeded and migrate similar to dsDNA that is stained post electrophoresis.

EZ-Vision® DNA MW Ladders

Convenient DNA Molecular Weight ladders premixed with AMRESCO's EZ-Vision® visualization dye.

Ready-to-use Solutions

1 kb, 100 bp, and PCR DNA ladders are premixed with EZ-Vision® containing loading buffer, a tracking dye and a fluorescent DNA dye.

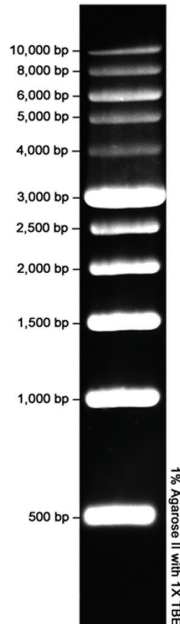
Instant Visualization

Immediate visualization of DNA ladders post-electrophoresis using a standard UV transilluminator.

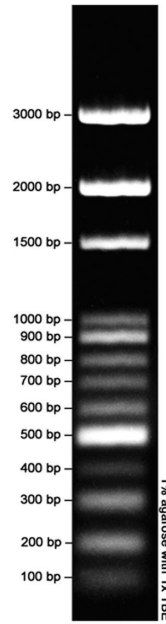
Safer to Use

Formula is both non-toxic and non-mutagenic and eliminates the need to use ethidium bromide.

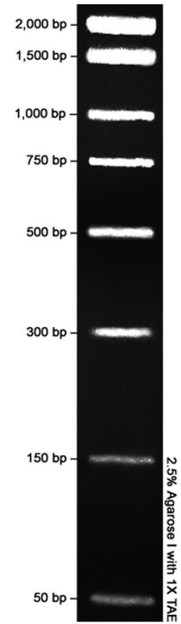
**EZ-Vision®
1kb DNA Ladder**



**EZ-Vision®
100bp DNA Ladder**



**EZ-Vision®
PCR DNA Ladder**



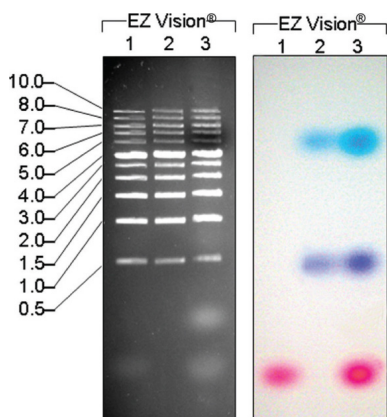
Product Specifications

| | |
|---------------------------------|---------------------------------|
| EZ-Vision® 1 kb Ladder | 11 fragments 500 - 10,000 bp |
| EZ-Vision® 100 bp Ladder | 13 fragments 100 - 3,000 bp |
| EZ-Vision® PCR Ladder | 8 fragments 50 - 2,000 bp |

| Description | Product Code | Pack Size |
|-------------------------------------|--------------|-----------|
| EZ Vision® 1 kb DNA Ladder | N854-600UL | 600 µl |
| EZ Vision® 100 bp DNA Ladder | N856-300UL | 300 µl |
| EZ Vision® PCR DNA Ladder | N853-500UL | 500 µl |

EZ-Vision® DNA Dyes as Loading Buffer

AMRESCO's non-toxic, non-mutagenic alternative to ethidium bromide



EZ-Vision® One, Two and Three. Left image: 1% TAE agarose gel showing the fluorescence of AMRESCO's 1 kb Ladder stained with EZ-Vision® One (N472, lane 1), EZ-Vision® Two (N650, lane 2) and EZ-Vision® Three (N313, lane 3). Right image: Digital camera photograph of the same gel as left image, showing the colors and migration position of the one fast migrating tracking dye of EZ-Vision® One (lane 1), the two tracking dyes of EZ-Vision® Two (lane 2), and the three tracking dyes of EZ-Vision® Three (lane 3).

Related Convenience Products from AMRESCO

| Description | Catalog Number | Pack Size |
|---|----------------|-----------|
| STAINS & DYES | | |
| EZ-Vision® One DNA Dye as Loading Buffer, 6X Non-toxic, non-mutagenic fluorescent dye in 6X loading buffer Contains one tracking dye | N472-KIT | 5 x 1 ml |
| EZ-Vision® Two DNA Dye as Loading Buffer, 6X Non-toxic, non-mutagenic fluorescent dye in 6X loading buffer Contains two tracking dyes | N650-KIT | 5 x 1 ml |
| EZ-Vision® Three DNA Dye as Loading Buffer, 6X Non-toxic, non-mutagenic fluorescent dye in 6X loading buffer Contains three tracking dyes | N313-KIT | 5 x 1 ml |
| ELECTROPHORESIS | | |
| Agarose I™ All purpose agarose suitable for analytical and preparative applications; nuclease & protease-free. | 0710-25G | 25 g |
| | 0710-100G | 100 g |
| | 0710-500G | 500 g |
| Agarose SFR™ Super fine resolution agarose, low melting temperature for analytical and preparative electrophoresis. | J234-25G | 25 g |
| | J234-100G | 100 g |
| TAE Buffer, 25X Liquid Concentrate DNA electrophoresis buffer for DNA recovery and resolution of large fragments. | 0796-1.6L | 1.6 L |
| | 0796-4L | 4.0 L |
| TAE Buffer, 50X Liquid Concentrate DNA electrophoresis buffer for DNA recovery and resolution of large fragments. | K915-1.6L | 1.6 L |
| | K915-4L | 4 L |
| TAE Buffer, 25X Ready-Pack™ 25X concentrate of DNA electrophoresis buffer in a convenient foil pouch. Each pack makes 1 L of 25X TAE buffer. | 0912-2PK | 2 packs |
| TAE Buffer, Powder DNA electrophoresis buffer powder blend used for DNA recovery and resolution of large fragments. | 0912-40L | 40 L |
| TBE Buffer, 10X Liquid Concentrate DNA electrophoresis buffer for resolution of small fragments. | 0658-4L | 4 L |
| | 0658-20L | 20 L |
| TBE Buffer, 10X Ready-Pack™ DNA electrophoresis buffer in a convenient foil pouch. Each pack makes 1 L of 10X TBE buffer. | 0478-2PK | 2 packs |