

People-safe, planet friendly research products

01. INNOVATIVE
PRODUCTS

02. DESIGNED WITH
SAFETY IN MIND

03. REDUCING RISK
AND MINIMIZING
ENVIRONMENTAL
IMPACT

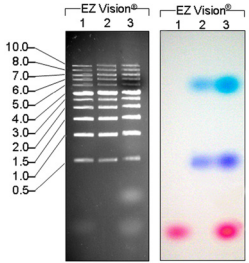


DNA | Safe staining products

VWR LIFE SCIENCE EZ-VISION® DNA DYE AS LOADING BUFFER

Provides a safe, non-mutagenic alternative to ethidium bromide for instantaneous fluorescent DNA band visualization. Supplied as a 6X loading buffer, EZ-Vision® DNA Dyes are available with one, two, or three colored tracking dyes.

Description	Size	Cat. No.	Unit
EZ-Vision® One	5 x 1 mL	97064-190	Each
EZ-Vision® Two	5 x 1 mL	97063-268	Each
EZ-Vision® Three	5 x 1 mL	97063-166	Each
EZ-Vision® Sample Kit Includes EZ-Vision® One, Two, and Three samples	3 x 1 mL	97063-194	Each



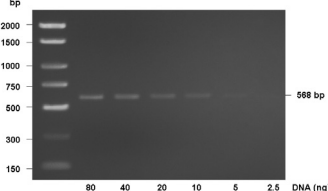
EZ-Vision® DNA Dye Loading Buffer

- Non-toxic, non-mutagenic alternative to ethidium bromide staining
- Instant results with no additional staining or destaining steps
- One convenient solution

VWR LIFE SCIENCE EZ-VISION® IN-GEL SOLUTION, 10,000X

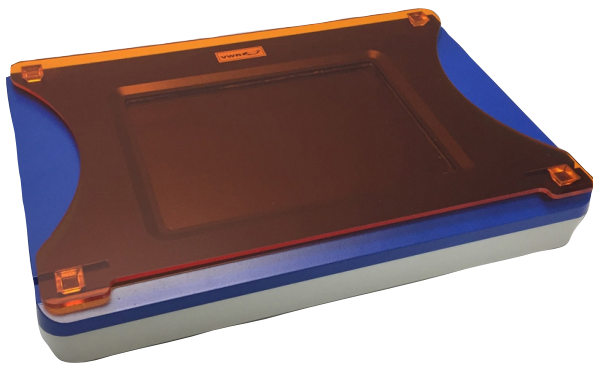
Non-mutagenic, non-toxic fluorescent DNA dye can be used as an in-gel or post-run stain to visualize DNA in agarose gels. Simply add to molten agarose prior to gel casting to allow instant visualization of DNA bands upon UV exposure.

Description	Size	Cat. No.	Unit
EZ-Vision® In-Gel Solution, 10,000X	0.5 mL	97064-174	Each
	5 mL	97068-178	Each
EZ-Vision® In-Gel Solution, Dropper Bottle	15 mL	97068-180	Each



EZ-Vision® In-Gel Solution Sensitivity

- Non-toxic, non-mutagenic alternative to ethidium bromide staining
- Use it two ways - choose from two simple protocols
- Instant results with no additional staining or destaining steps



VWR® BLUE LIGHT TRANSILLUMINATOR

- Blue wavelength does not damage DNA
- Uniform illuminated surface
- 465 nm wavelength, ideal for most fluorescent DNA stains
- Amber cover is removable and can be set to an angle

The VWR® Blue Light Transilluminator provides a safe and cost effective alternative to UV transilluminators for viewing gels stained with dyes excited in the blue light spectrum. Blue light excitation does not damage DNA samples and these dyes can be safe alternatives to hazardous Ethidium Bromide. The evenly illuminated viewing area can accommodate gels up to 12x17 cm, and the scratch-resistant glass surface allows cutting out bands.

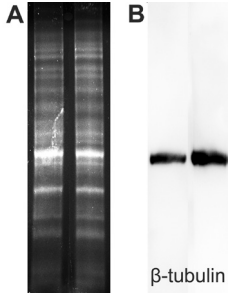
Electrical	Cat. No.
100 to 240VAC (Includes US type plug)	76151-834

Protein | Rapid solutions for Western Blotting

VWR LIFE SCIENCE RAPIDBLOCK™ SOLUTION, 10X

Protein-free blocking solution reduces cross reactivity and allows you to block PVDF and nitrocellulose membranes in just five minutes. RapidBlock generates blots with low backgrounds and enhanced signal-to-noise ratios.

Description	Size	Cat. No.	Unit
RapidBlock Solution, 10X	15 mL	97063-124	Each
RapidBlock Solution, 10X	100 mL	97064-124	Each



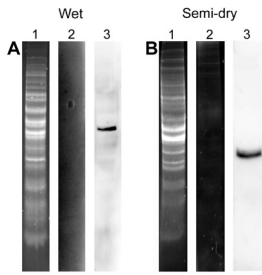
Enhanced Chemiluminescent Signal with RapidBlock

- Solvent-free and protein-free formulation minimizes cross-reactivity and non-specific antibody binding
- Blocks PVDF and nitrocellulose membranes in just 5 minutes
- Enhances chemiluminescent signal

VWR LIFE SCIENCE RAPID TRANSFER BUFFER, 10X

Methanol-free, non-hazardous buffer solution efficiently transfers proteins to PVDF or nitrocellulose membranes in just 20 minutes or less. Compatible with both wet and semi-dry transfer apparatus.

Description	Size	Cat. No.	Unit
Rapid Transfer Buffer, 10X	1 L	97064-312	Each
Rapid Transfer Buffer, 10X	4 L	97064-314	Each



Wet and Semi-Dry Transfer with Rapid Transfer Buffer, 10X

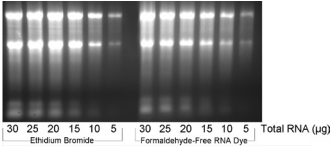
- Eliminates the use of methanol
- Use with wet or semi-dry transfer apparatus
- Transfer from gel to membrane in just 10 (semi-dry) to 20 (wet) minutes

RNA | Hazard-reducing kits for purification & analysis

VWR LIFE SCIENCE FORMALDEHYDE-FREE RNA GEL KITS

Eliminate the use of formaldehyde and ethidium bromide with these all-in-one RNA gel kits that allow denaturing electrophoresis followed by instant band visualization. Rapid Formaldehyde-Free RNA Gel Kit includes Rapid Gel Running Buffer which allows faster electrophoresis run times.

Description	Size	Cat. No.	Unit
Formaldehyde-Free RNA Gel Kit	15 gels	97064-300	Each
Rapid Formaldehyde-Free RNA Gel Kit	30 gels (50 mL)	89230-112	Each



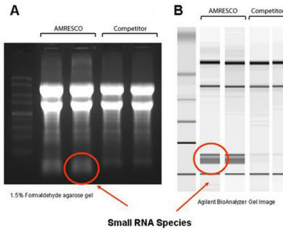
Formaldehyde-Free RNA Dye vs. Ethidium Bromide

- Hood-free pouring and running; completely formaldehyde-free
- Replaces ethidium bromide with non-mutagenic dye
- No long incubations or buffer recirculation required

VWR LIFE SCIENCE PHENOL-FREE TOTAL RNA PURIFICATION KIT

Purify high-quality total RNA in just 20 minutes with this non-toxic RNA purification kit. This kit purifies RNA of all sizes, including micro RNA, from a wide variety of specimens without the use of phenol or chloroform.

Description	Size	Cat. No.	Unit
Phenol-Free Total RNA Purification Kit	50 preps	97064-308	Each



Phenol-Free Total RNA Purification Kit vs. Competitor Kit

- Eliminate phenol and chloroform from RNA purification
- Enhance recovery of total RNA including microRNA species
- Save time with a simple 20-minute protocol

Innovative ways to improve research through safer and more environmentally sensitive reagents

TAKE A SAFER LOOK AT YOUR DNA, RNA & PROTEIN SAMPLES

In keeping with Green Chemistry's primary principle of reducing risk and minimizing environmental impact, VWR Life Science is committed to developing new and innovative ways to improve research through safer and more environmentally sensitive reagents and kits for use at the bench.

With a variety of options that replace toxic reagents widely used in life science research, VWR Life Science "People | Planet | Safe" products are inherently safer to handle and use. They also diminish the amount of hazardous chemicals released into the environment – without sacrificing quality.

Description	Size	Cat. No.	Unit
DNA			
EZ-Vision® 100 bp DNA Ladder			
100 bp DNA ladder with EZ-Vision visualization dye	50 lanes	97063-350	Each
EZ-Vision® PCR DNA Ladder			
PCR DNA ladder with EZ-Vision visualization dye	50 lanes	97063-346	Each
Ready PCR Mix, 2X	1.25 mL	97063-320	Each
One-of-a-kind PCR master mix with non-toxic, fluorescent visualization dye	2x 1.25 mL	97063-322	Each
Cyclo-Prep™ Genomic DNA Isolation Kit			
Safe alternative to phenol-based purification products	50 assays	97064-844	Each
Cyclo-Prep™ PCR Clean Up Kit			
DNA purification kit with no phenol or chloroform	50 assays	97063-566	Each
Cyclo-Pure™ Agarose Gel Extraction Kit			
Fast, spin column-based kit for quick isolation of DNA fragments (40 bp - 100 kb)	50 assays	97064-840	Each
RNA			
RNA EZ-Vision® Dye as Loading Buffer, 1.5X			
Safer alternative to ethidium bromide staining for RNA	2 x 1.5 mL	97064-294	Each
Ready One-Step RT-PCR Kit			
RT-PCR kit with non-mutagenic visualization dyes	50 assays	71005-996	Each
Gold-N-Gel™ RNA Dye, Dropper Bottle			
Non-mutagenic, fluorescent in-gel stain - safer alternative to ethidium bromide	5 mL	89230-108	Each
RiboReserve™ RNA Storage Solution			
Sterile, RNase-free storage solution	50 mL	97063-260	Each
Protein			
Protein EZ-Vision®, 4X			
Safer alternative to Coomassie® staining with instant visualization	2 x 1 mL	97064-328	Each
ReView™ Buffer Solution	1 L	97063-134	Each
Blue BANDit™ Protein Stain	250 mL	97064-838	Each
Safer alternative to Coomassie® staining	1 L	97065-002	Each



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