

## DNA PURIFICATION AND ELECTROPHORESIS

Quality Isolation Kits

Ready-to-Use Reagents

Simplified Downstream  
Analysis





## SAME PURE PRODUCT NEW PURE BRAND.

Together, VWR and AMRESCO deliver a new life science brand that combines VWR's extensive brand recognition and AMRESCO's purity solutions – VWR Life Science AMRESCO.

Delivering purity through quality, convenience, and performance to better enable science.

### Agarose I™

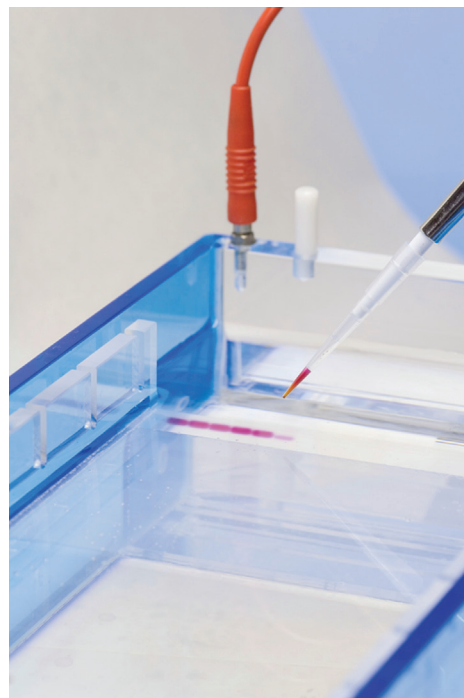
Agarose I is a standard melting/gelling agarose, suitable for routine nucleic acid analytical/preparative applications. It has a low EEO for shorter electrophoretic runs without compromising resolution and is excellent for blotting techniques and general manipulations.

- All-purpose, high-purity agarose
- Exceptional band resolution & clarity
- Nuclease and protease-free
- Convenient tablet form available — No weighing required!

#### Optimal Running Conditions

Gel %	Optimal Separation Range (bp)	Recommended Buffer
0.8	800–22,000	TAE
1.0	500–10,000	TAE/TBE
1.2	400–7000	TAE/TBE
2.0	250–5000	TBE

Size	Cat. No.	Unit
<b>Agarose I</b>		
25 g	97062-248	Each
100 g	97062-244	Each
250 g	97062-246	Each
500 g	97062-250	Each
<b>Agarose I 500 mg Tablets</b>		
100 Tablets	97063-676	Each
1000 Tablets	97063-674	Each



## TAE (Tris-Acetate-EDTA) Buffer

TAE is an extensively used buffer for agarose gel electrophoresis applications requiring high resolution and separation of high molecular weight, double-stranded DNA. TAE Buffer is more compatible with in-gel manipulations and band recovery procedures than TBE Buffer. The composition of 1X TAE Buffer is 0.04 M Tris-Acetate, 1 mM EDTA, pH 8.0.

- Ideal for DNA recovery and in-gel manipulations
- Low ionic strength
- Better resolution of large DNA fragments: >12Kb
- Convenient packaging options minimize weighing and mixing
- Ready-Pack™ is a foil pouch containing sufficient material to prepare 1L of 10X concentrate

Size	Cat. No.	Unit
<b>TAE Buffer, Concentrate, 50X</b>		
1.6 L	97063-692	Each
4 L	97063-696	Each
5 L	97063-698	Each
<b>TAE Buffer, Concentrate, 25X</b>		
1.6 L	97062-384	Each
4 L	97062-386	Each
5 L	97062-388	Each
<b>TAE Buffer, Ready-Pak, 25X</b>		
2 Packs	97062-518	Each

## TBE (Tris-Borate-EDTA) Buffer

TBE is optimized for DNA electrophoresis techniques using both acrylamide and agarose. VWR AMRESCO offers TBE in a variety of concentrations and packaging options for maximum flexibility and convenience. Packaging options include: powder, liquid concentrates, tablets and Ready-Pack™ (a foil pouch containing sufficient material to prepare 1L of 10X concentrate).

- High buffering capacity
- High ionic strength
- Permits extended electrophoresis runs without buffer recirculation
- Convenient packaging options minimize weighing and mixing

Size	Cat. No.	Unit
<b>TBE Buffer, Concentrate, 10X</b>		
500 mL	97062-124	Each
1 L	97062-118	Each
4 L	97062-122	Each
5 L	97062-126	Each
20 L	97062-120	Each
<b>TBE Buffer, Concentrate, 5X</b>		
1 L	97063-432	Each
4 L	97063-436	Each
5 L	97063-438	Each
20 L	97063-434	Each
<b>TBE Buffer, Ready-Pak, 10X</b>		
2 Pack	97061-752	Each
40 L	97061-754	Each



## Proteinase K

Proteinase K is a non-specific serine protease with a molecular weight of approximately 18kDa. This enzyme exhibits high stability and activity in the presence of SDS, EDTA, and urea as well as over a wide pH range.

Proteinase K is useful for the inactivation of nucleases during the isolation of DNA and RNA.

- High purity
- Activity > 30 Units/mg

Size	Cat. No.	Unit
<b>Proteinase K, Lyophilized Powder</b>		
100 mg	97062-238	Each
500 mg	97062-242	Each
1 g	97062-240	Each
<b>Proteinase K, 20 mg/ml Solution</b>		
5 mL	97062-670	Each
25 mL	97062-668	Each

## HistoChoice® Ancillary Alcohols

VWR AMRESKO's alcohols provide high purities for the most demanding histological applications. Each lot has been tested for a variety of impurities which can interfere with tissue processing and staining. The denatured ethanol is a blend of 95% ethanol and 5% isopropanol and does not contain harmful methanol, methyl ethyl ketones, or methyl isobutyl ketones which can interfere with laboratory procedures. Each alcohol is provided in safe polyethylene bottles that will not break or corrode.

- No harmful methanol, methyl ethyl ketones, or methyl isobutyl ketones
- Offered as 100% absolute alcohol
- High purity

Description	Size	Cat. No.	Unit
Ethanol, Anhydrous	4 L	97064-490	Each
2-Propanol	500 mL	97065-050	Each
2-Propanol	1 L	97064-700	Each
2-Propanol	4 L	97065-048	Each
2-Propanol	20 L	97065-074	Each

## Reagents

Description	Size	Cat. No.	Unit
Acetic Acid, Glacial	500 mL	97064-482	Each
Acetic Acid, Glacial	2.5 L	97065-042	Each
Acetic Acid, Glacial	4 L	97064-488	Each
Ethanol, Biotechnology Grade, 70%	500 mL	97064-768	Each
Ethanol, Biotechnology Grade, 70%	4 L	97065-058	Each
Tris-EDTA Buffer, pH 8.0	100 mL	97062-624	Each
Tris-EDTA Buffer, pH 8.0	500 mL	97062-626	Each