

Blotting

Buffers and others biochemicals

Formamide, deionized

Ultra Pure Grade
Purity >99.5%
Conductivity <100 µmhos
RNase, DNase activity : none detected

Formamide is widely used for hybridizing and denaturing nucleic acids. For optimal results, formamide must be highly deionized and free of contaminants. Our ultra Pure Formamide possesses a high degree of purity and is free of contaminating RNase and DNase. Each lot of material is pre-filtered through a mixed-ion exchange resin to eliminate products of decomposition and residual metal cations. This process guarantees that each lot has a final purity of greater than 99.5% and an absorbance value of less than 0.05 absorbance units at 280 nm. This makes it the ideal choice for all molecular biology applications. It is suitable for the preparation of hybridization cocktails and various denaturing solutions used with nucleic acids. It will not cause degradation of expensive or hard to isolate RNA and DNA samples.

Description	Cat.#	Qty
Formamide, deionized	UP070990	100 ml
	070998	500 ml
	070999	950 ml

SSC Buffer (Saline-Sodium Citrate)

1X SSC Buffer contains :
Sodium Chloride : 150 mM
Sodium Citrate : 15 mM

Description	Cat.#	Qty
SSC Buffer, 20X Liquid Concentrate	586040	4 L
SSC Buffer, 20X Ready-Pack	674080	2 Pk (20 L)*

*Each pack prepares 1 L of 20X SSC

SSPE Buffer (Saline-Sodium Phosphate-EDTA)

1X SSPE Buffer contains :
Sodium Chloride : 150 mM
Sodium Phosphate : 10 mM
EDTA : 1 mM

Description	Cat.#	Qty
SSPE Buffer, 20X Liquid Concentrate	259770	4 L
SSPE Buffer, 20X Ready-Pack™	259800	2 Pk (20 L)*

*Each pack prepares 1 L of 20X SSPE

Substrates

Description	Cat.#	
TMB	UP15426D	Colorimetric substrates for Peroxidases (see page A.357)
BCIP/NBT	UP096051	Colorimetric substrates for Alkaline Phosphatases (see page A.359)
UptiLight Spray	BM4961	Chemiluminescent substrates for Peroxidase (see page A.374)

Please see sections Enzymatic Substrates and immunoblotting (chapter A) for more details and for other HRP and AP substrates.