

Alkaline Transfer Buffer

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
Alkaline Transfer Buffer	ML032-100ML	100 ml
	ML032-500 ML	500 ml

Introduction: Alkaline Transfer Buffer is mainly used during Southern blotting procedure where DNA is transferred from agarose gel to positively charged nylon membranes. This buffer comes as a ready to use solution and can be directly used in DNA transfer.

Description: Alkaline Transfer Buffer contains a strong base that denatures double-stranded DNA. This buffer allows the hydrolysis of the phosphodiester backbone at the sites of depurination during Southern blotting and as a result large DNAs are very efficiently transferred and covalently linked to the positively charged nylon membrane.

Application: Alkaline Transfer Buffer is mainly used to transfer DNA from agarose gels to charged nylon membranes by capillary method during Southern hybridization method.

Composition: Alkaline Transfer Buffer is composed of 0.4 N Sodium hydroxide and 1 M Sodium chloride.

Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
DNase & RNase	: None detected
Bioburden	: None detected
Suitability test	: This solution has been tested and is suitable for use

Storage conditions: Alkaline Transfer Buffer has to be stored at room temperature (15 - 25 °C).

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.

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ML032-00

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