Alkaline Transfer Buffer

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>Kit Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkaline Transfer</td>
<td>ML032-100ML</td>
<td>100 ml</td>
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<tr>
<td>Buffer</td>
<td>ML032-500 ML</td>
<td>500 ml</td>
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</tbody>
</table>

**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**
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