

## BLOTTING MEMBRANES

The success of an experiment depends on using the right quality and type of raw-materials.

HiMedia introduces finest quality Blotting membranes, which are pre-assembled stacks of solid-phase matrix for use in any standard Blotting techniques.

- Available in various dimensions and formats suitable for different devices and applications
- Superlative quality ensures highest binding capacity of DNA, RNA and Proteins
- Low background noise aids in better detection of results
- Can be used for all blotting techniques



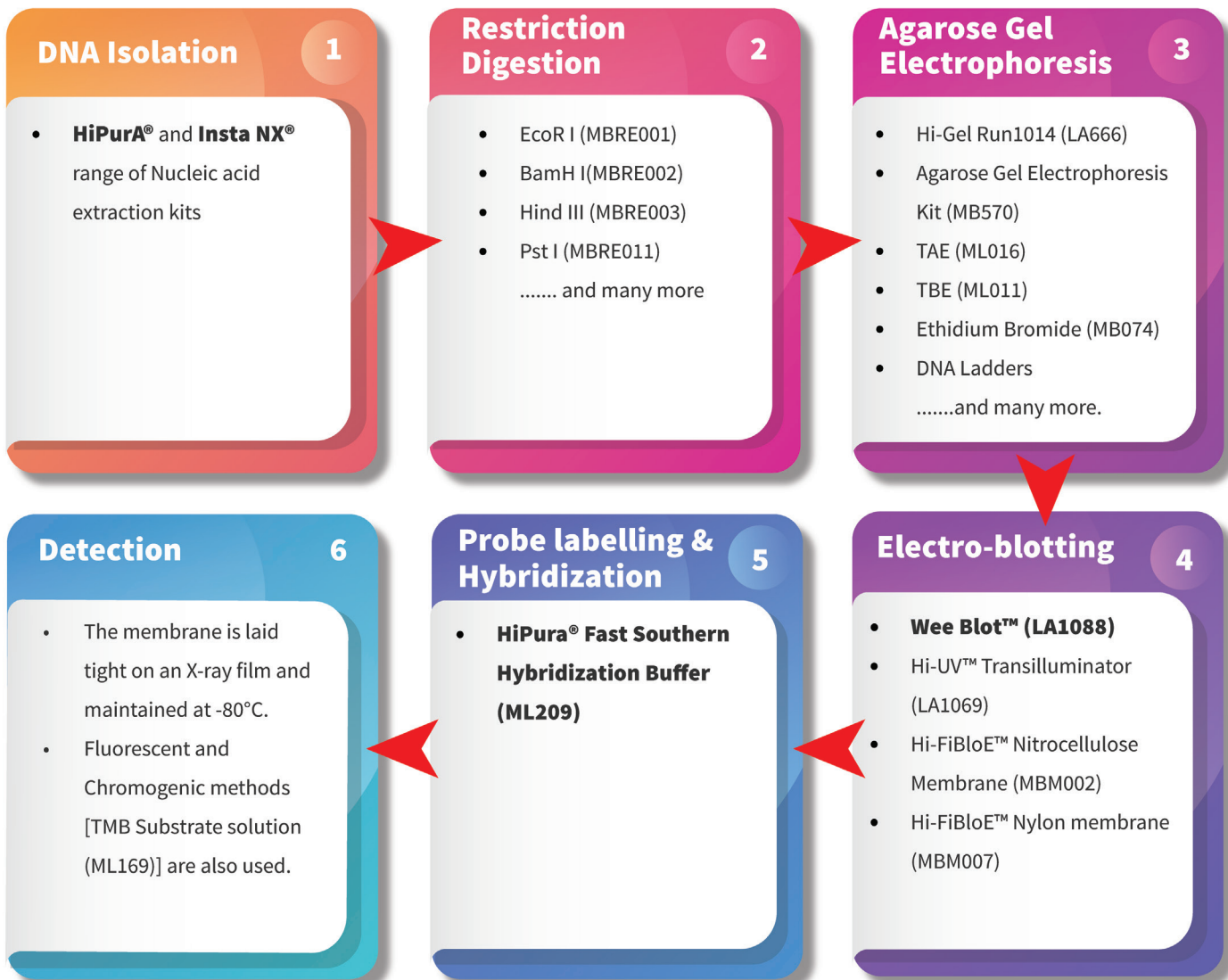
| Blotting Membrane                 | Available     | Size          | Code        | Application       |
|-----------------------------------|---------------|---------------|-------------|-------------------|
| Hi-FiBloE™ Nitrocellulose, 0.2 μm | Roll          | 30 cm x 3 m   | MBM001-1RL  | Southern Blotting |
|                                   |               |               |             | Western Blotting  |
| Hi-FiBloE™ Nitrocellulose, 0.2 μm | Precut Sheets | 20 cm x 20 cm | MBM002-20SH | Southern Blotting |
|                                   |               |               |             | Western Blotting  |
| Hi-FiBloE™ Nitrocellulose, 0.2 μm | Precut Sheets | 7 cm x 8.5 cm | MBM003-20SH | Southern Blotting |
|                                   |               |               |             | Western Blotting  |
| Hi-FiBloE™ PVDF Membrane          | Roll          | 26 cm x 3.3 m | MBM004-1RL  | Western Blotting  |
| Hi-FiBloE™ PVDF Membrane          | Precut Sheets | 7 cm x 8.5 cm | MBM005-20SH | Western Blotting  |
| Hi-FiBloE™ Nylon Membrane         | Roll          | 30 cm x 3 m   | MBM006-1RL  | Southern Blotting |
|                                   |               |               |             | Northern Blotting |
| Hi-FiBloE™ Nylon Membrane         | Precut Sheets | 20 cm x 20 cm | MBM007-20SH | Southern Blotting |
|                                   |               |               |             | Northern Blotting |

## Southern Blotting

Invented by Edward Southern, it is a technique involving transfer of specific DNA sequence from a mixture on a Nitrocellulose/Nylon membrane and subsequent detection by probe hybridization using X-Ray films, fluorescent reagents or chromogenic substrates.

For complete demonstration of the technique, use our **HiPer® Southern Blotting Teaching Kit (HTBM027)**

### PROCESS FLOW OF SOUTHERN BLOTTING TECHNIQUE



# Western Blotting

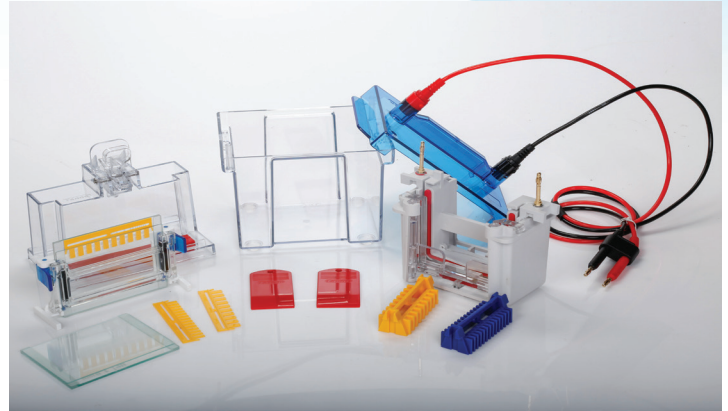
A technique used for blotting of protein by transfer on PVDF/Nylon/Nitrocellulose membranes followed by immunodetection using chromogenic substrates.

Perform this experiment with a step by step guide for demonstration using our **HiPer® Western Blotting Teaching Kit (HTI009)**.



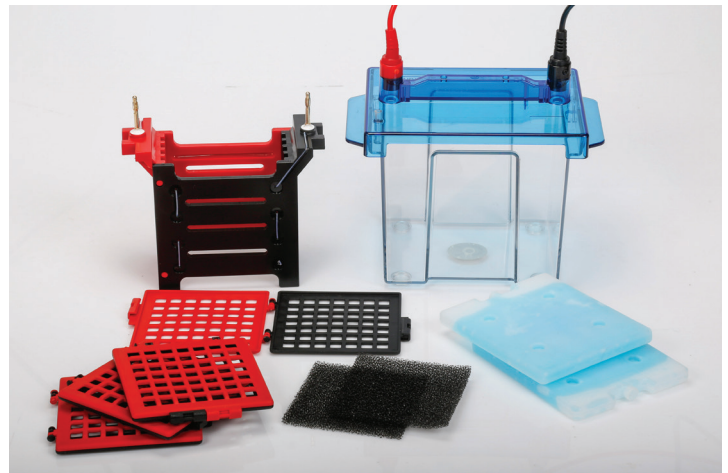
## Wee Vert<sup>®</sup> - LA1070

- UNIQUE** • Uninhibited Polymerization with Plastic Combs
- UNIQUE** • Smaller Tank Requires Minimal Buffer Quantity
- Loading becomes easier with Sample Loading Guides
- One/Two Gels at once As Per Requirement
- Interchangeable modules for PAGE and Electro blotting with single universal buffer tank



## Wee Blot<sup>™</sup> - LA1088

- ESSENTIAL for wet electroblotting of proteins – Western blotting
- Smaller Tank Requires Minimal Buffer Quantity
- Four blots Transferred in ONE SINGLE RUN
- UNIQUE** • Modular Design doesn't require Extra Cooling Units
- UNIQUE** • Transfer can be done at RT (<30°C) without cooling function
- Interchangeable modules for PAGE and Electro blotting with single universal buffer tank



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... expect only quality from us<sup>™</sup>