

A complete workflow for high performance DNA Electrophoresis

From gel preparation to a sensitive and safe detection, a complete range of options for everyday work

Agaroses



- GRS Agarose LE
- GRS Agarose LMT
- GRS Agarose S-LMT

Despite many times considered as secondary, choosing the correct agarose for each DNA electrophoresis specific application is an important part of a successful separation. Ranging from the more common, yet high performance, GRS Agarose LE, to the low melting options LMT and S-LMT, GRISP provides options for most of DNA electrophoresis applications.

The choice for the best buffer option is very important for obtaining the ideal separation. Besides the well known and widely used TAE and TBE buffers, our offer includes also a unique and advantageous option: SGTB buffer allows for very fast runs with better separation, for fragments ranging from 100bp to 1000bp. Simply by increasing the voltage, and without gels heating or dissolving.

Buffers



- SGTB Agarose Electrophoresis Buffer
- TAE buffer
- TBE buffer

DNA Stain

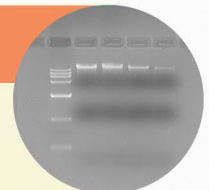


- Xpert Green DNA Stain
- Xpert Green DNA Stain DIRECT

No matter how good the achieved separation is, detection is a key point in any DNA electrophoresis procedure. Safe and sensitive dyes are essential, and for that purpose we offer two high performance options, with extreme sensitivity, and compatible with both UV and BlueLED: Xpert Green DNA Stain (for in-gel staining), and Xpert Green DNA Stain DIRECT (for direct loading, and magnified signal-to-noise ratio).

Complementing the best gel preparation (agarose and buffer choice) and detection (gel staining), with finding the DNA ladder that provides the most accurate information on the fragment sizes under analysis, is important. Comprising six room temperature stable, high definition, ready-to-use DNA ladders, our range includes three more standard options (50bp, 100bp, 1Kb) and three more specific ones (LowRange, HighRange, and Universal).

DNA Ladders



- GRS Ladder 50bp
- GRS Ladder 100bp
- GRS Ladder 1Kb
- GRS LowRange Ladder
- GRS HighRange Ladder
- GRS Universal Ladder