



# SERVA Electrophoresis Products

## Electrophoresis Reagents and Buffers

### **AGAROSE GEL REAGENTS AND BUFFERS**

Agarose is a highly purified, naturally-occurring polysaccharide. The preparation of agarose gels involves simply heating the powdered agarose in buffer to dissolve it. It will then gel upon cooling. Like acrylamide the pore size of an agarose gel is inversely dependent on the agarose concentration. The pores in agarose gels are generally much larger than those in acrylamide gels, making them suitable for the separation of much larger nucleic acid fragments. There are many types of agarose available. The best choice for routine DNA electrophoresis is Agarose for DNA Electrophoresis (Catalogue Number 11404). This offers good gel strength and low impurities that might interfere with subsequent procedures.

Scie-Plas is pleased to announce a new partnership with SERVA Electrophoresis GmbH, based in Heidelberg, Germany. SERVA started the development and manufacturing of products for protein electrophoresis in the early Seventies, by introducing SERVALYT™ carrier ampholytes and SERVALYT™ PRECOTES™ precast gels for isoelectric focusing.

This range of products has been continuously expanded and today SERVA offers a variety of reagents for electrophoresis, including solid gel media, gel solutions, precast gels, ready-to-use buffers and solutions, as well as stains, dyes and markers.

SERVA electrophoresis products are subject to stringent quality control to ensure "Electrophoresis Grade" performance - supported by constant application testing conducted in their laboratories in Heidelberg.