

BlueVertical™ PRiME™

SERVA
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Premium Resolution in Mini Gel Electrophoresis Mini Slab Gel Unit (10 cm x 10 cm)

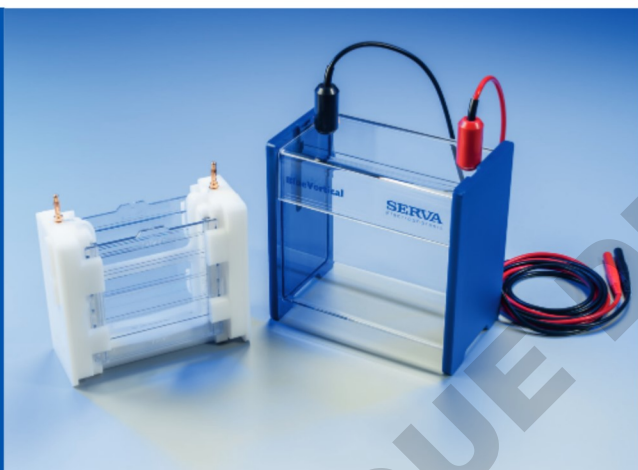
Convenient and easy to operate

The BlueVertical™ PRiME™ is the perfect electrophoresis mini tank system to run precast gels in SDS PAGE, native PAGE, IEF or nucleic acid PAGE applications. The unique innovative clamp system keeps the gel cassettes in their correct place at the inner core running module, leak-free and ready to start within seconds. Built-in convenient operation features result in improved daily work. Developed, produced and assembled in Germany – another top quality product from SERVA.



Inner core unit – innovative clamp system for leak-free positioning of precast gels

The unit consists of an outer buffer tank and the inner core running unit. Mounting of precast gels does not require any tedious clamping but is a matter of seconds. The outer buffer tank is made from rugged transparent acrylic – watch your gel while running! A safety lid closes the top, giving the unit a very compact and robust design. Little bench space is required. The unit is, of course, in accordance with the European safety guidelines (CE mark). When quality becomes an issue – choose BlueVertical™ PRiME™.



BlueVertical™ PRiME™ – inner and outer buffer chamber

The BlueVertical™ PRiME™ mini slab gel system offers:

- Superb results
- Top resolution
- Easy and safe to handle
- Unique, leak-free clamp system
- Smart design – made in Germany
- For SERVAGe™ precast gels*
- Optionally available, see back page:
 - BlueVertical™ PRiME™ Blot Module
 - BlueVertical™ PRiME™ Casting Stand

*for precast gels from other manufacturers please inquire.

Specifications

Inner buffer volume	200 ml
Outer buffer volume	450 ml
Voltage (max)	500 Volt
Current (max)	250 mA
Operating temperature	4 °C – 65 °C
Electrodes	Rod electrode, platinum-coated
Dimensions	16 x 15.6 x 9.5 cm (WxHxD)
Weight	1.2 kg

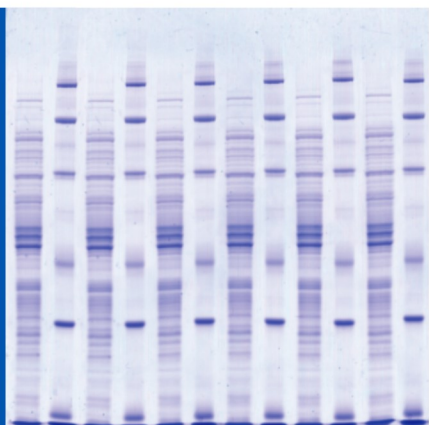
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Premium Resolution in Mini Gel Electrophoresis Mini Slab Gel Unit (10 cm x 10 cm)

SERVAGe™ Precast Gels

SERVAGe™ precast gels deliver premium resolution and superb band sharpness. The gels are poured into unbreakable plastic cassettes (10 x 10 x 0.7 cm) and will fit into most commercially available slab gel tanks. The separation distance is 7 cm, the separation range is from 3 up to 200 kDa (SDS PAGE), 10 up to 800 kDa (Native PAGE), pI 3 – 10 (IEF). Gels are obtainable with 10, 12 or 15 sample wells or with one 2D well. For all gel types starter kits are available.

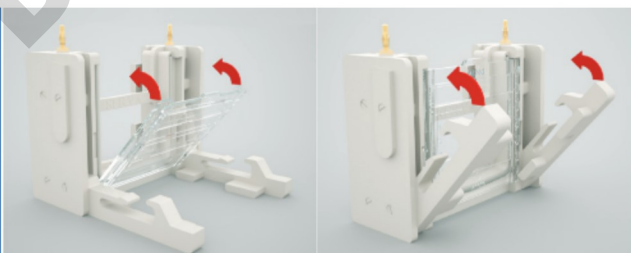


SDS electrophoresis on SERVAGe™ PRiME™ stained with Quick Coomassie® Stain

Use of SERVAGe™ precast mini gels

Savings in time and reliability of results are the benefits in running precast cassette gels. The BlueVertical™ PRiME™ is especially designed to run SERVAGe™ precast gels with an outer cassette dimension of 10 x 10 x 0.7 cm.

It is fast and simple to run two slab gels at a time using the BlueVertical™ PRiME™. Unpack the precast gel, put it into the inner core unit and simply close the clamps. You will hear a soft „click“ – the gel is firmly positioned, leak-free. The locating pegs of the inner core unit will ensure that the unit is placed correctly into the buffer tank. Load your samples, close the safety lid. It will fit only one orientation – this ensures right and safe connection to the power supply.



Mechanism how to operate the unique clamp system

BlueVertical™ PRiME™ Blot Module

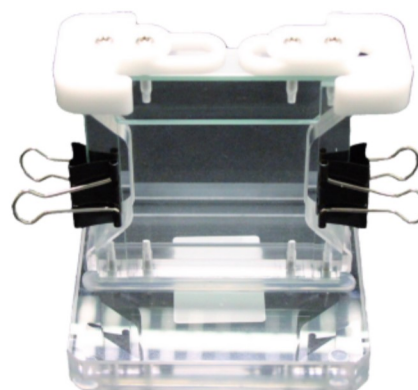
Tankblotting module to blot two mini gels directly in your BlueVertical™ PRiME™ chamber (BV-104). Thanks to the intelligent design, even very large proteins can be blotted very efficiently from the gel onto the membrane after electrophoresis in a gentle tank blotting process cooled by the surrounding buffer. Easy handling without clamps. No frail hinges.



BlueVertical™ PRiME™ Casting Stand

The BlueVertical™ PRiME™ Casting Stand is a casting system to cast one or two vertical mini gels to be operated with the BlueVertical™ PRiME™ electrophoresis chamber (BV-104). Combs and glass plates have to be ordered separately.

Complete ordering information for casting accessories can be found on the SERVA website at www.serva.de.



Ordering information

Product	Quantity	Cat. no.
BlueVertical™ PRiME™	1 Unit	BV-104
Dummy Plate	1 Piece	BV-104-7
BlueVertical™ PRiME™ Blot Module	1 Unit	BV-104-B
BlueVertical™ PRiME™ Casting Stand	1 Unit	BV-104-CS
BluePower™ 600 PRiME™ Power Supply	1 Unit	BP-600-PRi