

PRODUCT INFORMATION
SERVA IEF Gel 3-9 for PhastSystem™

Cat. no. 43366

10 ready-to-use, precast gels (size: 50 x 42 0.43 mm) for isoelectric focusing (pH gradient 3-9) with the PhastSystem™.

Storage: +2 °C to +8 °C

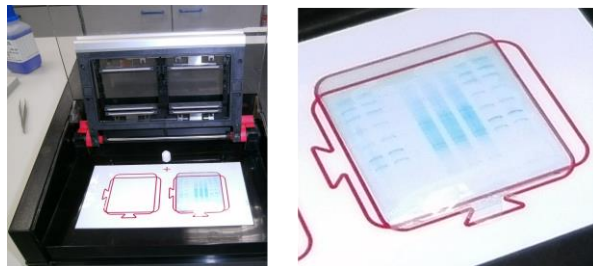
1. Electrophoresis conditions

- **Pre-focusing:**
Voltage : 2000 V – Current : 2.5 mA – Power : 3.5 W
Duration : 75 Vh – Temperature : 15 °C
- **Focusing**
 1. Step:
Voltage : 200 V – Current: 2.5 mA – Power: 3.5 W
Duration:15 Vh – Temperature: 15 °C
 2. Step:
Voltage : 2000 V – Current: 2.5 mA – Power: 3.5 W
Duration: 410 Vh – Temperature: 15 °C

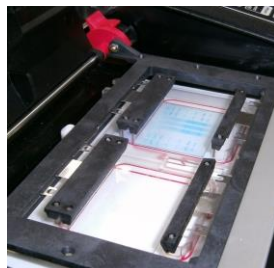
2. Inserting and positioning of the gel in the PhastSystem™

Gel positioning on the gel bed area according to the PhastSystem™ manual.

Removing the cover film
Here an already run and stained gel is used for better visibility



3. Close electrode assembly and start electrophoresis.

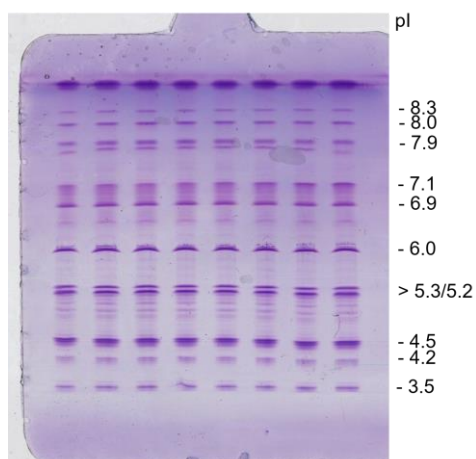


4. Protein staining

Subsequently, protein detection may be performed by Viiolet 17 or silver staining. Please find below some SERVA products:

Cat. no.	Product	Sensitivity
35074	SERVA Violet 17 Staining Kit	≥ 100 ng / band
35077	Silver Staining Kit native PAGE	0.1 ng / band

5. Gel after electrophoresis



SERVA IEF 3-9 Gel for PhastSystem

These products may be also of interest – [Horizontale precast gels for IEF](#)