

PRODUCT INFORMATION**SERVA PRiME Sample Buffer (3x)****Cat. No. 42544****Product description:**

General Sample buffer for DNA electrophoresis on polyacrylamide gels, 3x concentrate

Application

Gel Percentage	Fragment sizes (bp)
SERVAGel™ TG PRiME™ 8% SERVAGel™ Neutral pH 7.4	100 – 3,000
SERVAGel™ TG PRiME™ 10%	50 – 1,000
SERVAGel™ TG PRiME™ 12%	40 – 400
SERVAGel™ TG PRiME™ 14%	25 – 150
SERVAGel™ TG PRiME™ 4-12% SERVAGel™ Neutral pH 7.4 Gradient SERVAGel™ Neutral HSE	100 – 3,000
SERVAGel™ TG PRiME™ 4-20%	10 – 2,000
SERVAGel™ TG PRiME™ 8-16%	100 – 2,000

Storage Store at +15 °C – +30 °C.

Instructions for use with SERVAGel™ precast gels:

- Add 1 µl sample buffer to 2 µl sample.
Denaturate at 95 °C for 5 min.
- Use max. 10 µg nucleic acid and 15 µl per lane.
Fill empty lanes with 1X sample buffer.
- As running buffer, use 1X TBE only.
- Running conditions:
Fast run (35 mA const., Volt unlimited, 30 - 60 min)
Long run (150 V const., Ampere unlimited, 60 - 100 min)
- Post-Stain with SERVA DNA Stain Clear G (Cat. No. 39804)
using a staining bath (5 µl /100ml H₂O for 10 min)
- The gel can also be silver stained.

Ver 0813