

SeeGreen™ Nucleic Acid Stain 20,000X, 200 µl (RG-1550-10)

SeeGreen™ sensitivity study

SeeGreen™ nucleic acid stain is a safer alternative to ethidium bromide for detecting nucleic acids in agarose gels.

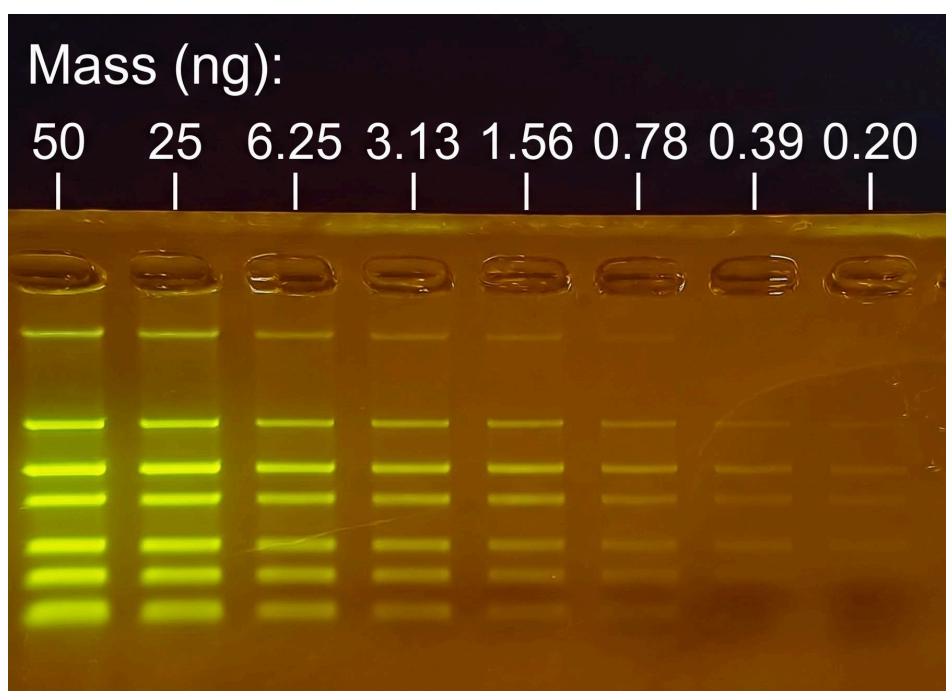


Figure 1. 2% agarose gel, pre-stained with SeeGreen™ nucleic acid stain (1X final concentration) run for 20 minutes at 135 V in 1X TBE in a GELATO™ electrophoresis and illumination system (miniPCR bio™). Picture taken on a blueBox™ Pro transillumination system (miniPCR bio™) with a mobile phone set to Auto exposure (Razr 2025, Motorola®). DNA samples: 10 µl Fast DNA Ladder 1 (RG-1003-01, miniPCR bio™) at varying concentrations. 1:1 serial dilutions starting from 1X concentration. Mass indicated is per band except for the top band, which is at half the concentration.

SeeGreen™ produces sharp, straight bands and uniform migration, making it particularly useful when fragment sizes are close together and accurate separation matters.