Instructions for use

DNA QUANTIFYING Marker QSK 200

For DNA-quantitation

L508.1

Content:
1 tube – 200 bp fragment, 100 µg/ml in TE buffer, 400 µl
1 tube – sample loading buffer (6 x), 1.25 ml
15 % w/v Ficoll 400, 0.06 % w/v Bromophenol blue,
0.06 % w/v Xylene cyanol, 30 mM EDTA

Storage:
Routinely used DNA-quantifying marker QSK 200 components should be stored at 4 °C. For less frequently used components or stock solutions, longer term storage at –20 °C may increase shelf life.

Stability:
DNA-quantifying marker QSK 200 fragments are tested for stability by extended incubation at 37 °C. Twenty days′ continuous incubation results in no discernible difference in the banding patterns or background staining of any of the fragments. Fragments are guaranteed stable for at least 12 months when stored at 4 °C.

Determination of concentration:
The concentration of the DNA-quantifying marker QSK 200 fragments are determined by UV absorbance at 260 nm wavelength, using the conversion factor: 1.000 A_{260} unit = 50 µg/ml DNA. Fragment concentrations are accurate to within ±1 %.

Important note:
To maintain accurate fragment concentrations, it is imperative to spin down any condensate and mix contents thoroughly before opening tubes and withdrawing aliquots.

DNA Quantifying Marker QSK 200	L508.1	40 µg

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe
Postfach 100121
76231 Karlsruhe

Telefon: +49 (0) 721/5606-0
Telefax: +49 (0) 721/5606-149
E-Mail: info@carlroth.de
Internet: www.carlroth.de

st 03/2017