



April 2024

Important Note

Use of Thermo Scientific™ Marker GeneRuler 1 kb DNA-Ladder with QIAxcel® ScreenGel®

Dear valued QIAxcel Connect customer,

With QIAxcel ScreenGel 2.1, we are offering a pre-installed Size Marker profile to analyze DNA fragments between 250 bp and 8 kb. This profile uses Thermo Scientific Marker GeneRuler 1 kb DNA-Ladder (cat. no. SM0311) in a concentration of 20 ng/μL (1:25 dilution with QX DNA Dilution Buffer). The marker is to be used in combination with the QX DNA High Resolution Cartridge, QX Alignment Marker 15 bp – 10 kb, and ScreenGel Method OM1200.

Note: The 10 kb fragment of the marker Thermo Scientific GeneRuler 1 kb DNA-Ladder comigrates with the 10 kb fragment of the Alignment Marker; thus, it will not be displayed as a peak of the marker. Furthermore, the total concentration of the marker in QIAxcel ScreenGel is given as 18.8 ng/μL, as the concentration of the 10 kb fragment is not considered.

If you have further questions, please contact our Technical Support Center at www.qiagen.com/support/technical-support

Best regards,

QIAGEN

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