

User Guide - KREApure purification plate

ULS™

Version 1.0 (October 2009)
Product: KREApure purification plate
Catalog number: KP - 096
Lot number: See label on package
Unit Size: 96 purification reactions
Storage conditions: 2 - 8 °C

IMPORTANT NOTE:

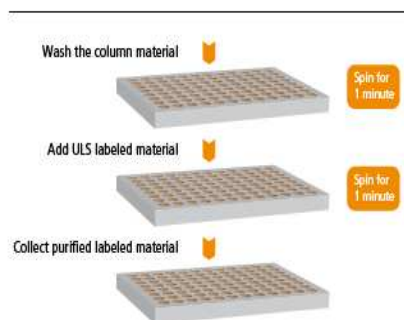
This user guide contains minimal information to provide experienced users with a short protocol to use at the bench! A more detailed, full manual can be downloaded from our website: <http://www.kreatech.com>

Removal of non-reacted ULS dyes using the 96 Well KREApure Plate

Optional: If lower labeling volumes are used adjust volume to 20 µl using ultrapure water.

1. Carefully remove the top and bottom seal of the 96 Well KREApure Plate.
2. Place the 96 Well KREApure plate in the re-usable 96 Well Wash Plate.
3. Centrifuge the 96 Well KREApure plate using a swing-out rotor for 3 minutes at 3,000 x g. Use an appropriate counterbalance when using one plate at a time.
4. Discard the flow-through from the 96 Well Wash Plate, and place the 96 Well KREApure Plate back on the same 96 Well Wash Plate.
5. Add 300 µl ultrapure water to the KREApure 96-well plate.
6. Centrifuge again for 3 minutes at 3,000 x g.
7. Discard the flow-through.
8. Transfer the 96 Well KREApure Plate to the 96 Well Collection Plate..
9. Add ULS labeled samples onto the 96 Well KREApure Plate.
10. Centrifuge for 3 minutes at 3,000 x g to collect the purified labeled nucleic acid in the 96 Well Collection Plate.
11. Determine the Degree of Labeling (DoL) by measuring absorbance at 260nm and 550nm (for Cy3-ULS) or 650nm (for Cy5-ULS)
12. Calculate the Degree of Labeling (DoL) value using the interactive calculator on our website (www.kreatech.com)
13. Store the sample at - 20°C or directly proceed with the hybridization procedure.

KREApure 96-well procedure.



This product is intended for RESEARCH USE ONLY. IT IS NOT INTENDED FOR DIAGNOSTIC APPLICATIONS and/or COMMERCIAL PURPOSES.

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