

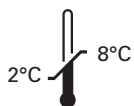
# Kreatech™ FISH probes

## Product Information Sheet

KBI-30500

All Mouse Centromere Probe

**RUO**



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KBI-30500

## Kreatech™ All Mouse Centromere FISH probe

**Introduction:** The **All Mouse Centromere** FISH probe is a mix of major and minor mouse satellite repeats present on each mouse chromosome.

**Intended use:** The **All Mouse Centromere** FISH probe is optimized to detect centromeric repetitive sequences located at the primary constriction or centromere of mouse chromosomes. Cross-hybridization to other mouse species may occur.

The Kreatech All Mouse Centromere Probe is designed for Research Use Only and is not intended to be used for diagnostic purposes.

The probe is recommended to be used in combination with one of the Kreatech Pretreatment kits providing necessary reagents to perform FISH on various sample types for optimal results. (see also [www.LeicaBiosystems.com](http://www.LeicaBiosystems.com) and look for Kits & reagents)

**Reagent:** The **All Mouse Centromere** FISH probe is direct-labeled DNA probe provided in a ready-to-use format in a choice of the following fluorophores:

PlatinumBright™495	Green
PlatinumBright™550	Red

Apply 10 µl of probe to a sample area of approximately 22 x 22 mm. Each vial of probe will process 10 slides using 10 µl probe per assay.

**Please refer to the Instructions for Use for the entire Kreatech FISH protocol.**

**Kreatech FISH probes are REPEAT-FREE™ and therefore do not contain Cot-1 DNA. Hybridization efficiency is increased and background, due to unspecific binding, is highly reduced.**

**Interpretation:** **All Mouse Centromere** FISH probe will hybridize to the centromere of mouse chromosomes. As the amount of repetitive centromeric sequences can vary signals of individual chromosomes will vary accordingly.

**Ordering Information:** please add –R or –G to the Cat# to select for the red or green fluorophore. (Blue can be made available upon request).

Description	Tests	Colour	Cat#
All Mouse Centromere Probe	10	red/green	KBI-30500

**Warning and precautions:** In case of emergencies check SDS sheets for medical advice. SDS sheets may be obtained by either contacting Leica Technical Support or visiting [www.LeicaBiosystems.com](http://www.LeicaBiosystems.com). DNA probes contain formamide which is a teratogen; do not inhale or allow skin contact. Wear gloves and a lab coat when handling DNA probes. All materials should be disposed of according to your institution's guidelines for hospital waste disposal.

**Reagent Storage and Handling:** Store at 2-8 °C. Reagents should not be used after the expiration date on the vial label.

**TECHNICAL SUPPORT** Technical support is available at [www.LeicaBiosystems.com](http://www.LeicaBiosystems.com) or +31 20 6919181 or via e-mail: [kreatech-support@leicabiosystems.com](mailto:kreatech-support@leicabiosystems.com).

**CUSTOMER SERVICE** Kreatech probes may be ordered through Leica Customer Service +31 20 6919181 or order via e-mail: [purchase.orders@leica-microsystems.com](mailto:purchase.orders@leica-microsystems.com).