

## Kreatech™ FISH probes Product Information Sheet

KI-20030

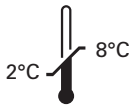
SE X (DXZ1) / SE Y (DYZ3)

100 µl

**DANGER**



**FORMAMIDE**



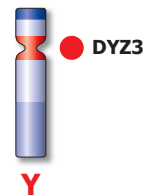
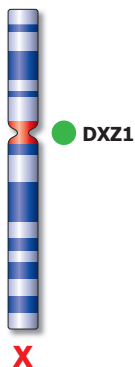
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**RUO - Research Use Only**

Not for use in diagnostic procedures

PI-KI-20030\_D2.2

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Not to scale

KI-20030

## Kreatech™ Satellite Enumeration FISH probes

**Introduction:** **Satellite Enumeration (SE)** FISH probes consist of sets of labeled repetitive satellite DNA sequences isolated from the pericentric heterochromatin of chromosomes. They allow specific chromosome analysis, marker chromosome identification and the detection of aneuploidy. **Satellite Enumeration** FISH probes are optimized to detect repetitive sequences located in the pericentric heterochromatin of chromosomes and on Yq12.

**Reagent:** Kreatech **Satellite Enumeration** FISH probes are direct-labeled DNA probes provided in a ready-to-use format in a choice of the following fluorophores:  
PlatinumBright™ 495 Green  
PlatinumBright™ 550 Red

**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.**

**Satellite Enumeration** FISH probes will cover the centromeric region of individual or several chromosomes. Gain of chromosomes will be observed by additional signals, loss of chromosomes by lack of the SE specific signal. In normal cells two signals will be visible for Autosomes and the X chromosome in females, while in males one signal for the X and, Y chromosome will be visible.

Product Code	Description	Color	Conc	Nr of Test
KI-20030	SE X (DXZ1) / SE Y (DYZ3)	green/red	RTU	10

**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/service-support/technical-support/](http://www.LeicaBiosystems.com/service-support/technical-support/) or toll free at 800-248-0123 or via e-mail: [kreatech-support@leicabiosystems.com](mailto:kreatech-support@leicabiosystems.com).

**CUSTOMER SERVICE** Kreatech probes may be ordered through Leica Customer Service toll free at 800-248-0123 or order via e-mail: [purchase.orders@leica-microsystems.com](mailto:purchase.orders@leica-microsystems.com).