

Kreatech™ FISH probes Product Information Sheet

24C002G415

SE Y (DYZ1)

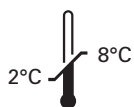
Blue

10 µl

DANGER



FORMAMIDE



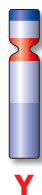
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Analyte Specific Reagent

Analytical and performance
characteristics are not established

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● **DYZ1 (Yq12)**

Y

Not to scale

24C002G415

Kreatech™ SE Y (DYZ1) FISH probe

Introduction: The **Satellite Enumeration (SE) Y (DYZ1)** FISH probe is optimized to detect the heterochromatin part of the Y chromosome (Yq12).

Critical region (blue): The **SE Y (DYZ1)** FISH probe is direct-labeled with PlatinumBright™415

Reagent: The **SE Y (DYZ1)** FISH probe is a direct-labeled DNA probe provided at ten times the concentration than the amount of DNA probe used in the QC test procedure.

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.

Patterns: One blue (1B) signal will identify the Y chromosome in male subjects.

	Signal Pattern
Expected Signals	1B

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. 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/ or toll free at 800-248-0123 or via e-mail: 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.