

Kreatech™ FISH probes

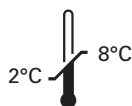
Product Information Sheet

KI-40111
ELN (7q11) / 7q22
100 µl

DANGER



FORMAMIDE



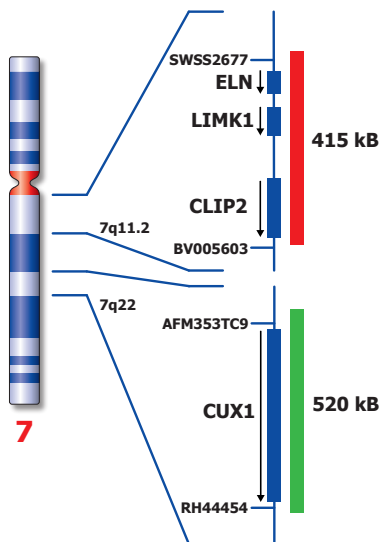
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RUO - Research Use Only

Not for use in diagnostic procedures

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Kreatech™ ELN (7q11) / 7q22 FISH probe

Introduction: The **ELN (7q11)** region probe is optimized to detect the ELN (WBS, WS, SVAS) gene region at 7q11. The **7q22** region specific FISH probe at 7q22 is included to facilitate chromosome identification.

Critical region 1 (red): The **ELN (7q11)** specific FISH probe is direct-labeled with PlatinumBright™550.
Control region (green): The **7q22** FISH probe is direct-labeled with PlatinumBright™495.

Reagent: Kreatech probes are direct-labeled DNA probes provided in a ready-to-use format. Apply 10 µl of probe to a sample area of approximately 22 x 22 mm.

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.

Patterns: The **ELN (7q11) / 7q22** FISH probe is designed as a dual-color assay to detect deletions at 7q11. Deletions involving the ELN gene region will show one red signal and two green signals at the 7q22 control region (1R2G). Two single color red and green signals will identify the normal chromosomes 7 (2R2G).

	Normal Signal Pattern	Del(7q11) ELN
Expected Signals	2R2G	1R2G

References: Mari A et al, 1995, Hum Genet., 96; 444-448

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.