

Kreatech™ FISH probes

Product Information Sheet

KI-10719

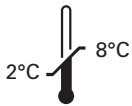
MET (7q31) / SE 7

100 µl

DANGER



FORMAMIDE



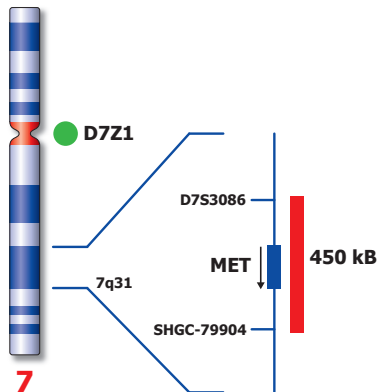
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RUO - Research Use Only

Not for use in diagnostic procedures

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Not to scale

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Kreatech™ MET (7q31) / SE 7 FISH probe

Introduction: The **MET (7q31)** specific FISH probe is optimized to detect the MET gene region at region 7q31. The **Satellite Enumeration (SE) 7** FISH probe is included to facilitate chromosome identification.

Critical region 1 (red): The **MET (7q31)** gene region probe is direct-labeled with PlatinumBright™550.
Critical region 2 (green): The **SE 7** control 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 **MET (7q31) / SE 7** FISH probe is designed as a dual-color assay to detect amplifications at 7q31. Amplifications involving the MET gene region at 7q31 will show several red signals, while the control at the chromosome 7 centromere region will provide 2 signals. Two single color red (R) and green (G) signals will identify the normal chromosomes 7 (2R2G).

| | Normal Signal Pattern | Amp (7q31) |
|------------------|-----------------------|------------|
| Expected Signals | 2R2G | 3+R2G |

References: Hara et al, 1998, Lab Invest. 78; 1143-1153.
Tsugawa et al., 1998, Oncology 55; 475-481.

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.