

## Kreatech™ FISH probes Product Information Sheet

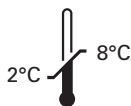
KI-20033  
Acro-P-Arms NOR

20 µl

**DANGER**



**FORMAMIDE**



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### Analyte Specific Reagent

Analytical and performance  
characteristics are not established

PI-KI-20033\_D1.1

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## Kreatech™ Acro-P-Arms NOR FISH probe

**Introduction:** The **Acro-P-Arms NOR** FISH probe is optimized to detect the short (p) arm of all acrocentric human chromosomes.

**Reagent:** The Kreatech **Acro-P-Arms NOR** probe is a direct-labeled DNA probe provided in a 5x concentrated format in a choice of the following fluorophores:

PlatinumBright™550	Red
PlatinumBright™495	Green
PlatinumBright™415	Blue

**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:** The **Acro-P-Arms NOR** probe is designed to detect the short (p) arm of all human acrocentric chromosomes. Because the NOR is the region around which the nucleus forms after mitosis, the NOR staining in nuclei may appear as two or more stained regions. In metaphase nuclei the Acro-P-Arms NOR probe will stain the p-arm of the 10 acrocentric chromosomes present, due to normal variation these may appear different in size and signal strength for each acrocentric chromosome. For identification of translocations involving the short arm of any acrocentric chromosome, it is recommended to combine the Acro-P-Arms NOR probe with SE13/21, SE14/22 and/or SE15 (KI-20027, KI-20028, KI-20015).

**References:** Starke H et al., 2003, Hum Genet, 114; 51-67  
Starke H et al., 2005, J Histochem Cytochem, 53, 359-360

**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).