

ThermoBrite® Elite ancillaries

For formalin fixed paraffin-embedded tissues (FFPE)

Product information about LK-061A, LK-100C, LK-110C, LK-141B and LK-141C

GPR - General Purpose Reagent

The ThermoBrite Elite (TBE) provides total automation for the pre and post hybridization steps in Fluorescence In Situ Hybridization (FISH) testing, while providing accurate temperature control of on-board denaturation and hybridization.

The ancillaries described below can be used with the TBE. For the TBE protocol please refer to the protocol provide by the TBE instrument.

For more info consult our website: www.LeicaBiosystems.com

LK-061A 20x SSC (8% Saline-Sodium Citrate (SSC) 20x) is a universal buffer and is used in many applications eg. in situ hybrididation, Southern blotting and DNA Microarrays.

20x SSC is produced in a large format to be used manually or with semi-automated instruments such as the ThermoBrite Elite. Adjust to final concentration as required for own protocol.

LK-100C Pretreatment Solution B (8% Sodium Thiocyanate) is used to break hydrogen bonds formed during processing of FFPE tissue samples. The removal of these bonds facilitates access to the target DNA when performing FISH.

Pretreatment Solution B is produced in a large format to be used manually or with semi-automated instruments such as the ThermoBrite Elite. Adjust to final concentration as required for own protocol.

LK-110C Pretreatment Solution A (Sodium Citrate 0.01 M) is used to break hydrogen bonds formed during processing of FFPE tissue samples. The removal of these bonds facilitates access to the target DNA when performing FISH.

Pretreatment Solution A is produced in a large format to be used manually or with semi-automated instruments such as the ThermoBrite Elite. Adjust to final concentration as required for own protocol.

LK-141B and LK-141C Wash Buffer V (10x SSC, 0.5% Igepal) is used in the post-hybridization wash step when performing FISH.

Wash Buffer V is produced in a large format to be used on semi-automated instruments such as the ThermoBrite Elite. Wash Buffer V is a 10x concentrated format and needs to be diluted ten times with demi water before use.

Wash Buffer V is produced in a large format to be used manually or with semi-automated instruments such as the ThermoBrite Elite. Adjust to final concentration as required for own protocol.

Product specification:

Code #	Description	Volume
LK-061A	20x SSC	100 ml
LK-100C	Pretreatment Solution B	1 L
LK-110C	Pretreatment Solution A	1 L
LK-141B	Wash Buffer V	250 ml
LK-141C	Wash Buffer V	1 L

Reagent Storage and Handling

Storage at 2-8 °C. Reagents should not be used after the expiration date on the vial label.

Precautions

- For professional use only.
- These reagents are General Purpose Reagents. For laboratory use.

20x SSC
Contains Sodium chloride
(10-20%)
GHS07: Harmful
Signal words: Warning



Wash Buffer V
Contains Sodium chloride
(1-10%) and 4-nonylphenol,
branched, ethoxylated
(0-1%).
GHS07: Harmful
Signal words: Warning



H315:
Causes skin
irritation
H319:
Causes serious
eye irritation

P280: Wear protective gloves protective clothing, eye protection and face protection.
P264: Wash all exposed external body areas thoroughly after handling.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of water and soap.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.

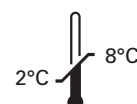
- To obtain a copy of the Safety Data Sheet contact your local distributor or regional office of Leica Biosystems, or alternatively, visit the Leica Biosystems' website, LeicaBiosystems.com.
- Specimens, before and after fixation, and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents or specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Seek medical advice.
- Consult Federal, State or local regulations for disposal of any potentially toxic components.
- Measures to minimize microbial contamination of reagents need to be taken to prevent the occurrence of non-specific staining.

Technical Support

Technical support is available at www.LeicaBiosystems.com or +31 20 6919181 or via e-mail: kreatech.support@leicabiosystems.com.

Customer Service

Kreatech probes may be ordered through Leica Customer Service +31 20 6919181 or order via e-mail: purchase.orders@leica-microsystems.com.



Kreatech
Biotechnology B.V.
Vlierweg 20
1032 LG Amsterdam
The Netherlands

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