

MELANIN BLEACH KIT

DESCRIPTION

Melanin is the pale brown to dark brown pigment and main ingredient responsible to the various pigmentations found in animal and human skin, hair, and eyes. It is also present in the meninges and substantia nigra of the brain.

When melanin pigment is present in large amounts, observing cellular detail microscopically may be obscured. For example, melanin producing tumors can often obscure microscopic evaluation of skin or brain sections. For IHC assays, the DAB chromogen demonstrating a brown stain on target areas of the specimen can appear similar to the light or dark brown observations resulting from the mere presence of melanin.

Removing melanin from tissue sections allows for positive and negative staining results to be interpreted correctly. Eliminating ambiguity in test result reporting.

CONTENTS OF KIT

- 8 oz Pretreatment Solution A
- 8 oz Pretreatment Solution B

CONTROL

4-6 micron section of melanin containing tissue

PROCEDURE

1. Hydrate slides to distilled water.
2. Treat sections with Melanin Bleach Solution A for 2.5 minutes.
3. Wash in running tap water.
4. Treat in Melanin Bleach Solution B for 30 seconds.
5. Wash in running water, check microscopically and re-bleach if necessary. Some melanin pigment can be required more time and therefore the process may need to be repeated. *For example: Ocular melanin may take an hour to bleach. Adjust time accordingly.*
6. After tissue section is bleached, rinse in distilled water and proceed with H&E staining, special staining or place in appropriate pH buffer before IHC procedures.
7. Dehydrate, clear and mount once staining procedures are completed

ORDERING INFORMATION

| Cat. # | Description |
|--------|-----------------------------|
| 7567 | Melanin Bleach Kit - 2x8 oz |

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