INNOVEX
biosciences

NUCLEAR RED

For staining or counterstaining nuclei

Technical Data Sheet

Reagent Category
Innovex Nuclear Red Counterstain

Specific Reagents Supplied
10 ml of Ready-To-Use solution

Product number: NB326

PRODUCT DESCRIPTION

Innovex Nuclear Red is a red nuclear dye solution formulated for staining or counterstaining of nuclei in histology sections and cell preparations. Innovex Nuclear Red binds to nuclei and produces a permanent and sharp red nuclear stain for optimum microscopic viewing.

Innovex Nuclear Red can be used for special stains such as Muller-Mowry colloidal iron stain.

Nuclear Red is also used for counterstaining *in situ* DNA or RNA probes that are stained with blue color BCIP/NBT substrate/chromogen or other blue and black chromogens.

Innovex Nuclear Red is stable and permanent and can be mounted with xylene or toluene based mounting media OR with Innovex PROBE MOUNT, the Aqueous-based Mounting Media (Innovex product# NB316). Probe Mount is suitable for mounting specimens stained with Nuclear Red directly from water and without the need for alcohol or xylene pre-treatment steps.

Nuclear Red is photo sensitive, mounted slides must be stored in dark and away from direct light.

APPLICATION/ INTENDED USE

Innovex Nuclear Red is intended for staining or counterstaining of tissues and/or cell preparation.

PRODUCT FORMAT: Working solution, **NO** dilution or adjustments necessary.

STORAGE CONDITIONS: Store at room temperature through expiration date noted on the vial.

INSTRUCTIONS

To counterstain with Innovex Nuclear Red:

1) Immerse slides in a vessel containing Innovex Nuclear Red OR apply by drops to achieve specimen coverage.
2) Incubate for **5-minutes**. For more intense staining incubate for 10-minutes.
3) Rinse several times with water.
4) Innovex Nuclear Red is permanent and slides can be mounted with xylene or toluene based mounting media or with Innovex aqueous Probe Mount media (product # NB316).

IMPORTANT NOTES:

- Store stained slides with Nuclear Red in a drawer away from light.
- The interpretation of test results is the sole responsibility of the end user.

FOR LABARATORY USE

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