

Cyto-Blue

CYTOPLASMIC COUNTERSTAIN

For counterstaining of IHC, ICC and *in situ* stains

Technical Data Sheet

Reagent Category

Cyto-Blue Counterstain

Specific Reagents Supplied

- ☐ 10 ml of Cyto-Blue, Ready-To-Use
- ☐ 100 ml of Cyto-Blue, Ready-To-Use

Product number: NB310 (10ml); NB354 (100ml)

PRODUCT DESCRIPTION

Innovex Cyto-Blue is a blue stain formulated for counterstaining of immunohistochemical nuclear stains of histology section and other cellular preparations. Innovex Cyto-Blue does not bind to nuclei and it produces a permanent blue stain for unmasked and optimum viewing of nuclear stains. Hematoxylin and other commonly employed counterstains bind to nuclei and they mask immunohistochemical (IHC) and *in situ* nuclear stains.

Cyto-Blue is especially useful for counterstaining IHC nuclear stains such as p53, Estrogen receptor (ER), Progesterone receptor (PR) and other nuclear stains that are stained with DAB, AEC, Permanent Red and Fast Red and other chromogens. Cyto-Blue is also especially useful counterstaining *in situ* stains that are stained with non-blue color chromogens.

APPLICATION/INTENDED USE

Innovex Cyto-Blue is intended for staining or counterstaining of tissues and cell preparations.

PRODUCT FORMAT

Ready-To-Use solution, **No** dilution or adjustment required.

STORAGE CONDITIONS

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

INSTRUCTIONS

To counterstain with Innovex Cyto-Blue:

Following the completion of staining and prior to mounting; Counterstain per instruction below:

- 1) Immerse slides in a vessel containing Cyto-Blue OR apply by drops to achieve specimen coverage.
- 2) Allow to stand for 1-2 minutes depending on color intensity desired, start with 1-minute.
- 3) Rinse with 5 changes of water until water runs clear.
- 4) Cyto-Blue counterstain can be mounted from xylene using xylene or toluene based mounting media OR can be mounted from water using Innovex Probe Mount (Innovex product number NB316).

IMPORTANT NOTES:

- Do not mount alcohol soluble chromogenic stains such as AEC and Fast Red with xylene or toluene based mounting media.
- Do not mount Cyto-Blue with Innovex Advantage Mounting Media.

FOR LABORATORY USE