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1. Description

This product is for research use only.

Components	2×1 mL DAPI Staining Solution 2×1.6 mL RNAsky Release Reagent 2× MACSima Mixing Vials
Capacity	For two RNAsky Experiments in the MACSima System. Refer to the protocol for more information.
Product format	DAPI Staining Solution is supplied in distilled water at a concentration of 5 µg/mL.
Storage	Store protected from light at -20 °C. The expiration date is indicated on the vial label.

1.1 Background information

The RNAsky Assay enables spatial detection of RNA targets using the MACSima System.

The RNAsky Support Kit is designed for use with the MACSima System. The MACSima System is a fully automated instrument capable of same-section high-plex protein and RNA detection using the MACSima Imaging Cyclic Staining (MICS) technology. The RNAsky Support Kit contains support reagents and mixing vials necessary to perform RNAsky Assays with the MACSima System. DAPI Staining Solution is used to stain cell nuclei. RNAsky Release Reagent is used for signal removal from samples stained with RNAsky Detection Probes. MACSima Mixing Vials are used inside the instrument to prepare staining or fluorochrome release solutions.

1.2 Reagent and instrument requirements

- MACSima System (# 130-121-164)
- MACSima System Buffer (# 130-125-315)
- MACSwell™ Four Imaging Frames (# 130-124-676) or MACSwell One Small Imaging Frames (# 130-126-794)
- MACSwell HighRes Slides (# 130-126-799)
- RNAsky IO Panel, human (# 130-134-683)
- RNAsky Sample Preparation Kit (# 130-134-682)

2. Protocol

The detailed protocol for the preparation of FFPE tissue samples before molecular preparation and subsequent RNA detection on the MACSima System using RNAsky is available at www.miltenyibiotec.com/RNAsky-sample-prep-FFPE.

The detailed protocol for molecular preparation of samples for RNA detection on the MACSima Platform using RNAsky is available at www.miltenyibiotec.com/RNAsky-user-guide.

Refer to www.miltenyibiotec.com for all data sheets and protocols. Miltenyi Biotec provides technical support worldwide. Visit www.miltenyibiotec.com for local Miltenyi Biotec Technical Support contact information.

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