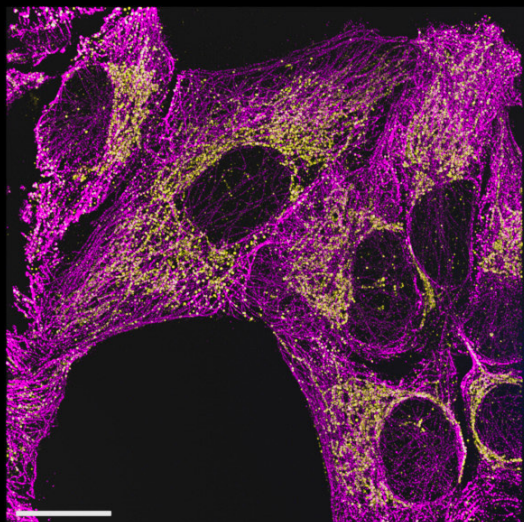


# ONi

TECHNICAL SPECIFICATIONS

## Discovery Kit™: dSTORM in cells 2



# Discovery Kit™: dSTORM in cells 2

The Discovery Kit™: dSTORM 2 in cells is a modular kit that contains the necessary reagents to perform single- or dual-color dSTORM of cellular targets with Aplo Scope or Nanoimager.

**Description**

The Discovery Kit comes in two forms:

**dSTORM Discovery Kit in cells 2:** the standard kit for intracellular proteins.

**SKU:** STORMDISC-M

**dSTORM Discovery Kit with Strong Fixative 2:** the kit for membrane and structural proteins.

**SKU:** STORMDISC-S

**Number of Sample Runs**

~ 25 samples using a  $\mu$ -Slide 8 Well Glass Bottom

**dSTORM Discovery Kit:**

- 3x Fixative A
- 1x Blocking Solution
- 1x Staining Solution
- 3x Wash Buffer
- 1x Secondary F(ab')<sub>2</sub> donkey anti-mouse/rabbit IgG Cy3B
- 1x Secondary F(ab')<sub>2</sub> donkey anti-mouse/rabbit/rat IgG AZDye™647
- 1x Permeabilization Concentrate
- 15x dSTORM Imaging Buffer Part A
- 3x dSTORM Imaging Buffer Part B
- 3x Part B Resuspension Buffer
- Comprehensive protocol

**Package Contents**

**dSTORM Discovery Kit with Strong Fixative:**

- 3x Fixative A
- 1x Blocking Solution
- 1x Staining Solution
- 3x Wash Buffer
- 1x Fixation Supplement
- 1x Quenching Concentrate
- 1x Secondary F(ab')<sub>2</sub> donkey anti-mouse/rabbit IgG Cy3B
- 1x Secondary F(ab')<sub>2</sub> donkey anti-mouse/rabbit/rat IgG AZDye™647
- 1x Permeabilization Concentrate
- 15x dSTORM Imaging Buffer Part A
- 3x dSTORM Imaging Buffer Part B
- 3x Part B Resuspension Buffer
- Comprehensive protocol

## Packaging Format

5 mL Amber glass bottle



30 mL bottle



15 mL bottle



8 mL bottle



24x Microtube



1 mL Glass ampule



## Product SKU

List of product SKUs for selecting different secondary antibody pairs:

Product Name	SKU	Packaging Content
dSTORM Discovery Kit	STORMDISC-M 900-00294	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Mouse IgG AZDye™647
dSTORM Discovery Kit	STORMDISC-M 900-00295	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Rabbit IgG AZDye™647
dSTORM Discovery Kit	STORMDISC-M 900-00296	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Rat IgG AZDye™647
dSTORM Discovery Kit	STORMDISC-M 900-00297	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Mouse IgG AZDye™647
dSTORM Discovery Kit	STORMDISC-M 900-00298	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Rabbit IgG AZDye™647
dSTORM Discovery Kit	STORMDISC-M 900-00299	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Rat IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00300	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Mouse IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00301	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Rabbit IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00302	1x Donkey anti-Mouse IgG Cy3B 1x Donkey anti-Rat IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00303	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Mouse IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00304	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Rabbit IgG AZDye™647
dSTORM Discovery Kit with Strong Fixative	STORMDISC-S 900-00305	1x Donkey anti-Rabbit IgG Cy3B 1x Donkey anti-Rat IgG AZDye™647

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**Shelf Life** At least two (2) months from shipment. Each kit is marked with the specific shelf life, if longer.

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**Storage conditions** All items to be stored at 4°C except:

- dSTORM Imaging Buffer Part A and Part B at -20°C
- Secondary F(ab')<sub>2</sub> stored at -20°C when lyophilized, 4°C when reconstituted
- Part B Resuspension Buffer stored at -20°C

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**Shipping conditions** Ships in gel pack at 4°C

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**Intended use** Research Use Only. SDS are available upon request.

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*All specifications may be subject to change at ONI's discretion.*

