

Product Information

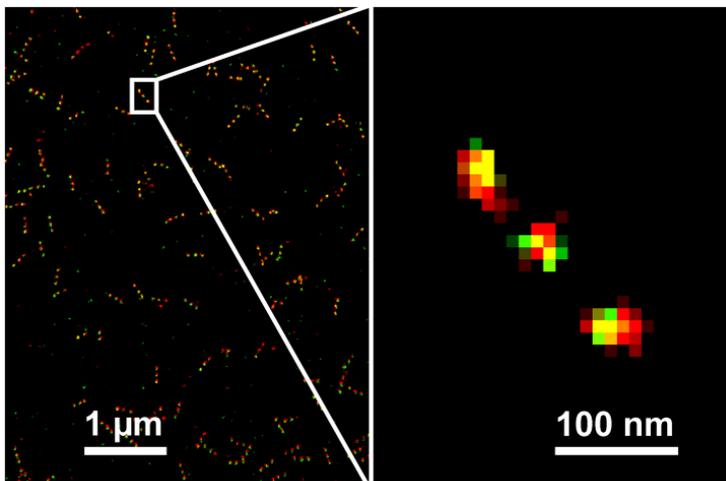
GATTA-PAINT nanoruler

Verify the resolution of your localization-based microscope.

Nanorulers from the GATTA-PAINT series are the ideal resolution rulers for any type of localization based super-resolution microscopy. Due to the mechanism for providing the blink kinetics which is based on the DNA PAINT technology the samples are nearly free of photo bleaching. In addition the design containing three emitting points allows the acquisition of very eye-catching images.

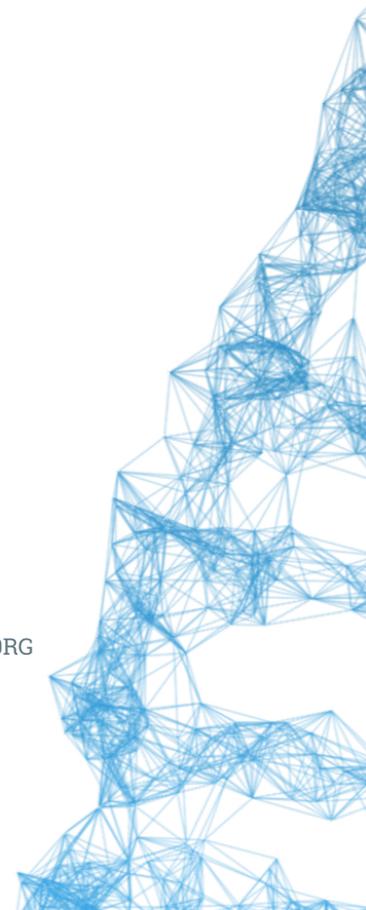
We offer for the GATTA-PAINT nanorulers the mark-to-mark distances in the sizes 40 nm and 80 nm. Both sizes are available in the colors red (ATTO 655) or green (ATTO 542) as well as in the color combination red/green (ATTO 655 & ATTO 542).

On request we can also design special solutions for your specific requirements. All probes will be delivered on a sealed glass slide which you can comfortably put directly on your microscope.



GATTA-PAINT 80RG

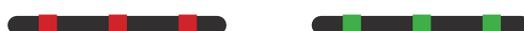
Super-resolution image and zoom in of a GATTA-PAINT 80RG nanoruler



Product properties

GATTA-PAINT nanoruler

Single-color nanorulers for localization based super-resolution microscopy.



	PAINT 80R	PAINT 80G
Color	red	green
Fluorophore	ATTO 655	ATTO 542
Recommended laser source	625–665 nm	530–560 nm
Surface density	$\approx 1/\mu\text{m}^2$	$\approx 1/\mu\text{m}^2$
Distance	2x 80 nm	2x 80 nm



	PAINT 40R	PAINT 40G
Color	red	green
Fluorophore	ATTO 655	ATTO 542
Recommended laser source	625–665 nm	530–560 nm
Surface density	$\approx 1/\mu\text{m}^2$	$\approx 1/\mu\text{m}^2$
Distance	2x 40 nm	2x 40 nm

Product properties

GATTA-PAINT nanoruler

Multicolor nanorulers for localization based super-resolution microscopy.



	PAINT 80RG	PAINT 40RG
Color	red / green	red / green
Fluorophore	ATTO 655 / ATTO 542	ATTO 655 / ATTO 542
Recommended laser source	625–665 nm 530–560 nm	625–665 nm 530–560 nm
Surface density	≈ 1/μm ²	≈ 1/μm ²
Distance	2x 80 nm	2x 40 nm

Need support?

Contact

In the case that you should need further assistance please feel free to contact us.
We are happy to help.

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