

Product information

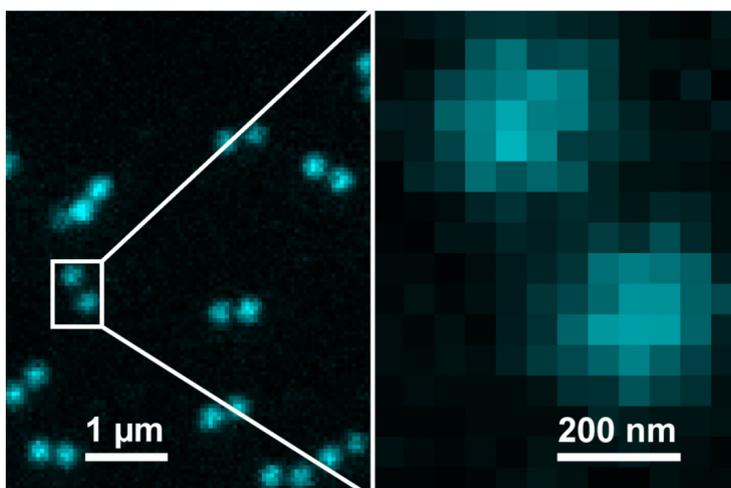
GATTA-Confocal nanoruler

To resolve the resolution of your Confocal microscope.

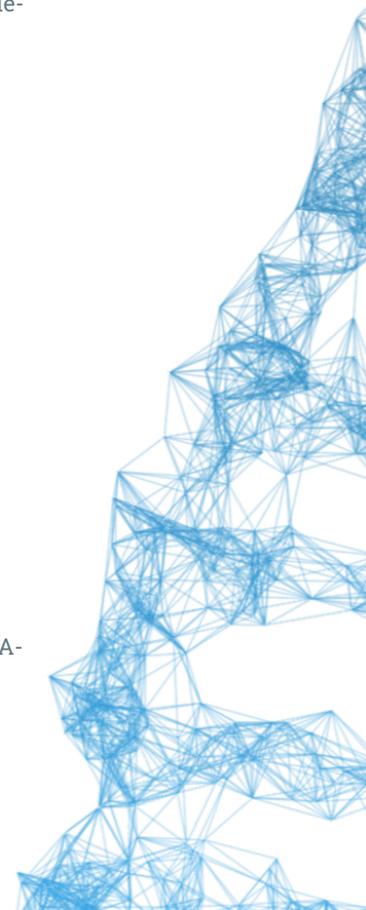
Nanorulers from the GATTA-Confocal series are designed for users of classical (i.e. diffraction limited) microscopy systems. The rulers carry two fluorescent labels consisting of high quantum yield dye molecules.

Thereby the mark-to-mark distance has a value of 350 nm. GATTA-Confocal rulers are available in the colors red (ATTO 647N), yellow (Alexa Fluor® 568), green (ATTO 532) or blue (Alexa Fluor® 488) as well as in the color combination red (350nm)/yellow (320nm)/blue (270nm) (ATTO 647N / Alexa Fluor® 568 / Alexa Fluor® 488) and red (350nm)/green (290nm)/blue (270nm) (ATTO 647N / ATTO 532 / Alexa Fluor® 488). These distances are of course also available separately.

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



GATTA-Confocal 350B
Image and zoom in of a GATTA-Confocal 350B nanoruler



Product properties

GATTA-Confocal nanoruler

Resolve single color nanoruler on your Confocal microscope.



	Confocal 350R	Confocal 350Y
Color	red	yellow
Fluorophore	ATTO 647N	Alexa Fluor® 568
Recommended laser source	630–650 nm	540–585 nm
Surface density	≈ 1/μm ²	≈ 1/μm ²
Distance	350 nm	350 nm



	Confocal 350G	Confocal 350B
Color	green	blue
Fluorophore	ATTO 532	Alexa Fluor® 488
Recommended laser source	540–585 nm	480–505 nm
Surface density	≈ 1/μm ²	≈ 1/μm ²
Distance	350 nm	350 nm

Product properties

GATTA-Confocal nanoruler

Resolve various single color nanoruler on y our Confocal microscope.



	Confocal RYB*	Confocal RGB*
Color	red / yellow / blue	red /green / blue
Fluorophore	ATTO 647N Alexa Fluor® 568 Alexa Fluor® 488	ATTO 647N ATTO 532 Alexa Fluor® 488
Recommended laser source	630–650 nm 540–585 nm 480–505 nm	630–650 nm 515–540 nm 480–505 nm
Surface density	≈ 1/μm ²	≈ 1/μm ²
Distance	red 350 nm yellow 320 nm blue 270 nm	red 350 nm green 290 nm blue 270 nm

* These distances are of course also available separately.

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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