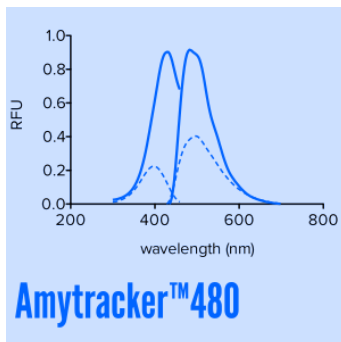


Amytracker™

General Information

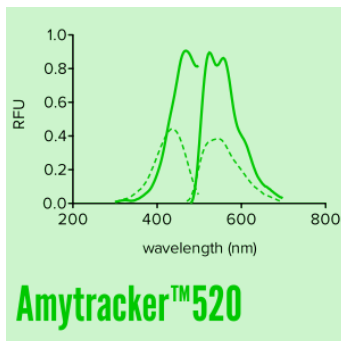
Amytracker™ are fluorescent tracer molecules providing high-quality visualization of protein aggregates. Using Amytracker™, you can achieve reliable fluorescent staining of early, pre-fibrillar states of amyloids arising from a variety of amyloidogenic proteins or peptides in tissues from a wide range of species. All Amytracker™ molecules are highly fluorescent only when they are bound to their target. This opens the possibility to perform fibrillation assays and spectrophotometric detection of amyloids in liquid samples. Besides being fast and easy to use, Amytracker™ are non-toxic and are readily taken-up when applied to cells in culture. Further, Amytracker™ are photo- and thermostable and allow for easy handling in any application. Our Amytracker™ *ex vivo* products will make your life easy when used for staining of tissue sections, live-cell imaging or fibrillation assays. Amytracker™ *ex vivo* products are available in aliquots of 50 µl or 100 µl. Our Amytracker™ *in vivo* products are prepared as 10X concentrated, sterile solutions and available in 50 µl aliquots. Amytracker™ *in vivo* products are suitable for staining of amyloids in live animal models.



Amytracker™480 is our blue fluorescent tracer molecule for amyloid staining.

Amytracker™480 fluorescence is readily visualized using standard microscopy equipment. Excitation is achieved using the 405 nm laser line, and emission can be detected at 480 nm using the standard DAPI or FITC filter sets. The optical spectrum of Amytracker™480 also allows custom settings to be applied within an excitation range of 405-458 nm and a detection range of 470-550 nm.

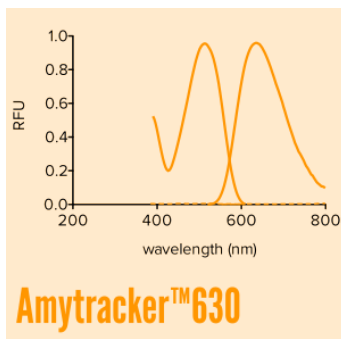
Amytracker™480 is available as *ex vivo* variant in 50 µl and 100 µl aliquots and as *in vivo* variant in a 50 µl aliquot. Please contact us for custom options.



Amytracker™520 is our green fluorescent tracer molecule for amyloid staining.

Amytracker™520 fluorescence is readily visualized using standard microscopy equipment. Excitation is achieved using the 458 or 488 nm laser lines, and emission can be detected using the standard FITC filter set. The optical spectrum of Amytracker™520 also allows custom settings to be applied within an excitation range of 405-488 nm and a detection range of 500-600 nm.

Amytracker™520 is available as *ex vivo* variant in 50 µl and 100 µl aliquots and as *in vivo* variant in a 50 µl aliquot. Please contact us for custom options.



Amytracker™630 is our orange fluorescent tracer molecule for amyloid staining.

Amytracker™630 fluorescence is readily visualized using standard microscopy equipment. Excitation is achieved using the 488 or 514 nm laser lines, and emission can be detected using standard TRITC or TxRed filter sets. The optical spectrum of Amytracker™630 also allows custom settings to be applied within an excitation range of 458-514 nm and a detection range of 600-650 nm. With exceptionally high signal-to-noise ratio and spectral properties that are clearly distinguishable from biological autofluorescence, we recommend Amytracker™630 for fibrillation assays, live-cell imaging and *in vivo* studies.

Amytracker™630 is available as *ex vivo* variant in 50 µl and 100 µl aliquots and as *in vivo* variant in a 50 µl aliquot. Please contact us for custom options.

Head Office

Ebba Biotech AB
Medeon Science Park
Per Albin Hanssons väg 41
SE-205 12 Malmö
Sweden

Stockholm Branch

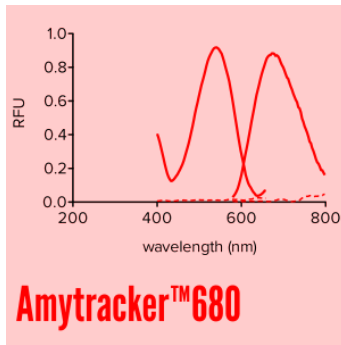
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SE-171 65 Solna
Sweden

Company Information

Org-nr: 559016-7093
VAT-nr: SE 559016709301

Contact

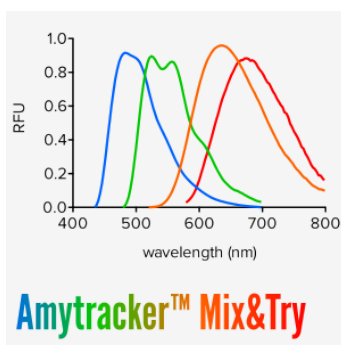
Web: ebbabiotech.com
Email: info@ebbabiotech.com
Phone: +46 73 985 40 51



Amytracker™680 is our red fluorescent tracer molecule for amyloid staining.

Amytracker™680 fluorescence is readily visualized using standard microscopy equipment. Excitation is achieved using the 561 nm laser line, and emission can be detected at 680 nm using the standard Cy5 filter set. The optical spectrum of Amytracker™680 also allows custom settings to be applied, using an excitation range of 530-565 nm and a detection range of 600-800 nm. With exceptionally high signal-to-noise ratio and spectral properties that are clearly distinguishable from biological autofluorescence, we recommend Amytracker™680 for fibrillation assays, live-cell imaging and *in vivo* studies.

Amytracker™680 is available as *ex vivo* variant in 50 µl and 100 µl aliquots and as *in vivo* variant in a 50 µl aliquot. Please contact us for customs options.



Amytracker™ Mix&Try Kit is our Test Kit for Getting Started

Amytracker™ Mix&Try Kit contains 10 µl of each fluorescent tracer available in the Amytracker™ series. Amytracker™480 is excited between 405-458 nm and fluorescence emission occurs between 470-550 nm. Amytracker™520 is excited between 405-488 nm and emission is detected between 500-600 nm. Amytracker™630 is excited between 458-514 nm and emission is detected between 600-650 nm. Amytracker™680 is excited between 530-565 nm emission is detected between 600-800 nm. Using all these different options will allow you to select the best Amytracker™ for your experiment.

Amytracker™ Mix&Try Kit is available as *ex vivo* variant. Please contact us for customs options.

Amytracker™

- ...are provided as *ex vivo* variant in volumes of 50 µl and 100 µl, as *in vivo* variant with 50 µl and as Mix&Try Kit
- ...are available for *ex vivo* and *in vivo* use
- ...*ex vivo* variants are diluted 1000-fold for staining of tissue sections and 500-fold for live-cell imaging and *in vivo* variants are diluted 2-fold
- ...are non-toxic
- ...are readily taken up into cells
- ...are photo- and thermostable

Storage

- Store Amytracker™ at 4°C
- Use the opened vial within 12 month

Note

- 1 Amytracker™ is for research use only.
- 2 Amytracker™ is not for diagnostic use or use in humans.
- 3 Amytracker™ is not for resale.
- 4 Amytracker™ is a trademark belonging to Ebba Biotech AB

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