



MICRON[®]

Fluorescent Imaging Filters

On the web: <https://phoenixmicron.com> Email us at: sales@phoenixmicron.com

Enhance your MICRON[®] capabilities with our comprehensive range of high-quality fluorescent filters compatible with both the MICRON IV and MICRON 5 ophthalmic systems for small lab animals.

MICRON 5 filters are accessibly mounted in magnetic filter wedges with an integrated barcode, allowing convenient filter changes or additions while automatically tracking filter metadata for your imaging sessions.



Clear, human-readable text ensures you'll always know the exact wavelength, even when the filter is removed.

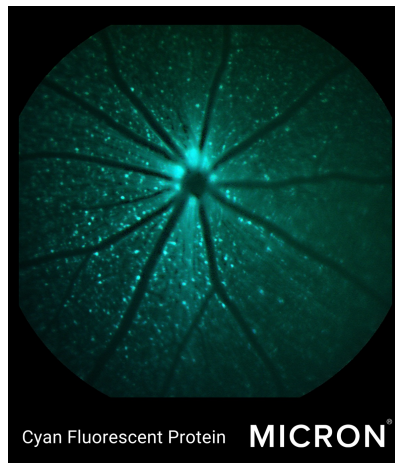


The MICRON IV filters are housed in filter wheels integrated within the camera body. Filters can be accessed by opening the housing when needed, and our customer service team is happy to provide guidance and walk you through the procedure.



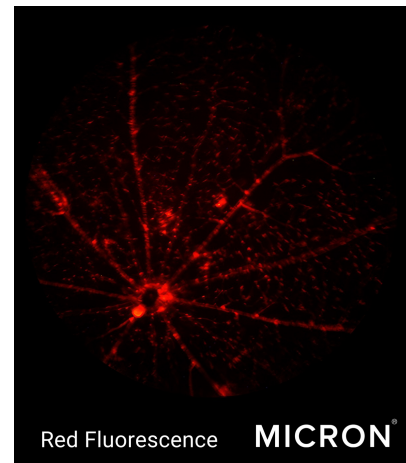
Fluorescein Angiography

MICRON[®]



Cyan Fluorescent Protein

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Red Fluorescence

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Login to the [Customer Portal](#) to order filters, or [click here](#) to request a quotation.

Planning to image a fluorophore that's not on the list? [Contact](#) our technical team to verify the optimal excitation and emission wavelengths for your specific fluorophores. This consultation ensures you receive filters perfectly matched to your research needs.





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Filter	Excitation	Emission
CFP	434/17	483/32
Cy3	535/40	584/40
Cy5	630/38	694/44
DAPI	377/50	447/60
DSRed	531/40	593/40
dTomato	593/40	542/27
Fluorogold	377/50	409 long pass
mCherry, RFP	562/40	624/40
MitoSOX	472/30	593/40
mKate2	585/29	633/40
mRuby	560/14	600/37
mScarlett	570/14	595/17
Rhodamine	535/50	568R
YFP	500/24	542/27

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all specifications are subject to change without notice.

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Compatible with MICRON 5 and MICRON IV Cameras
MICRON Fluorescent Imaging filters are add-on parts for both MICRON IV and MICRON 5 cameras.

1000+

Published papers that incorporate MICRON data

15+

Years of experience innovating patented small animal imaging technology

8

Imaging modalities, in a compact footprint

5

The latest generation MICRON Camera

2

Camera platforms

