



Product Specifications

UltraTag Fluorescent Multiplex Labeling & Detection Kit - UTFK-595

- Description:** Kit to label 50 µg of customer provided, purified, carrier-free primary antibody with Cell IDx UT019 Tag, and CL595 fluor labeled anti-UT019 detector antibody to stain 15-20 slides by IHC
- Cat. No.:** UTFK-595
- Application:** Make your own fluorescent multiplex staining panels. Antibodies labeled with different UltraTag kits (UTFK-490, UTFK-550, UTFK-650, and UTFK-594 or UTFK-750) can be combined to create 4-plex fluorescent multiplex IHC panels using included fluor labeled anti-Tag detector antibodies.
- Please ensure your antibodies for labeling are at 0.9-1.1mg/ml in buffer free of extraneous proteins such as BSA, serum or gelatin. Antibody formulations containing azide, trehalose or other sugars as well as any buffer containing tris are acceptable.
 - Select antibodies that work well in your desired application. Antibodies with strong binding profiles are usually good candidates. We recommend selecting clones which stain strongly at less than 1ug/ml when tested by conventional IHC. However, each antibody is different, and performance of individual clones cannot be guaranteed.
- Components:** All components required to label 50 µg of purified antibody with a recommended starting concentration 0.9-1.1 mg/ml in carrier-free buffer to Cell IDx UT019 Tag. The kit includes 3 required spin purification columns, antibody linker and lyophilized Tag. CL595 fluor labeled rabbit anti-UT019 detector antibody sufficient to stain 15-20 slides is also included. Additional CL595 fluor labeled rabbit anti-UT019 detector antibody is also available (see product UTFX-595)

Anti-Tag Antibody	Fluor	Absorbance (nm)	Emission (nm)	Extinction Coefficient (M ⁻¹ cm ⁻¹)	Recommended Exposure Time (ms)
UT019	CL595	594	615	92,000	400-800

- Storage:** Suitable for spectral imaging.
2-8°C
- Shelf-Life:** Not determined.
- Protocol:** [LINK](#)
- Notes:**

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