



## Standard Operating Procedure Form

### F-120 Dye Specification Sheet – RUO/ASR

Rev Date: 05/12/2025

Revision: 2

1 of 1

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#### Dye Specification Sheet (RUO/ASR)

Label	Red-dUTP	Green-dUTP	Orange-dUTP	Gold-dUTP	Aqua-dUTP
Excitation Maximum	580 nm	491 nm	552 nm	525 nm	434 nm
Emission Maximum	599 nm	516 nm	576 nm	573 nm	480 nm

#### *For Research Use Only*

This product is sold by Empire Genomics Corp. for research purposes only and is not intended for diagnostic or therapeutic use.

\*Please Note: The human eye visualizes the Aqua wavelength more poorly than other regions of the visible light spectrum (as above). Consequently, when choosing to use an aqua probe, it is best to use it with a target that hybridizes strongly. For example, in our own experiences we have had better success with centromere probes compared to locus probes. Our Aqua probes have been benchmarked against the leading competitors and we are as bright or brighter than they are. This material has passed our Quality Control processes and meets performance benchmarks. We offer a variety of colors for FISH probe labeling and if you want a probe with a stronger signal, we would suggest you consider using green, gold, orange, or red ones. We cannot guarantee the performance you will experience with the aqua dye as a result of the many variables which can affect its performance.