

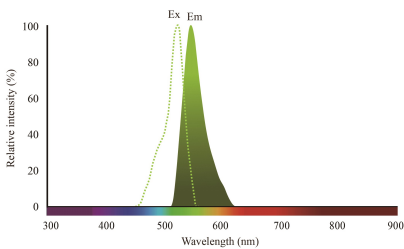
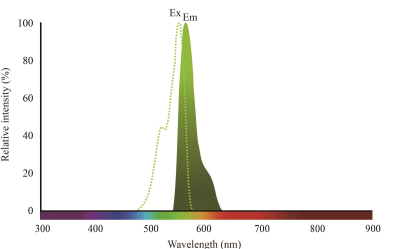
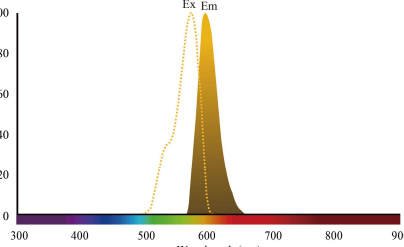
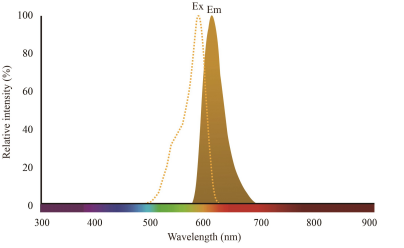
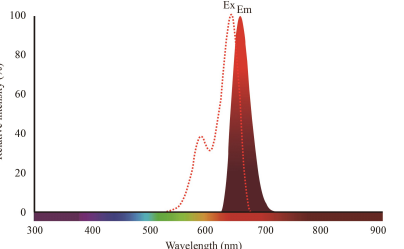
## Product Information

### YF<sup>®</sup> Dye Free acid

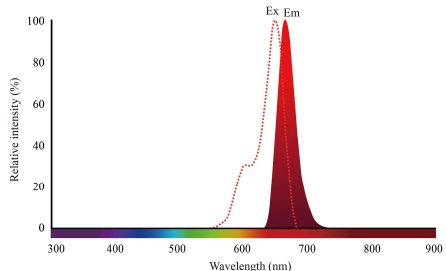
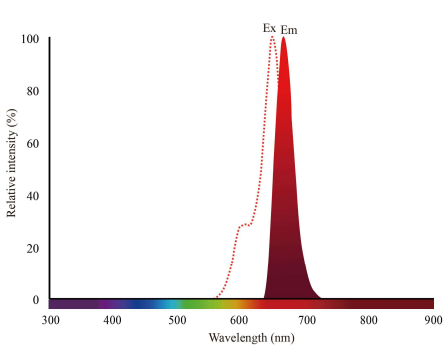
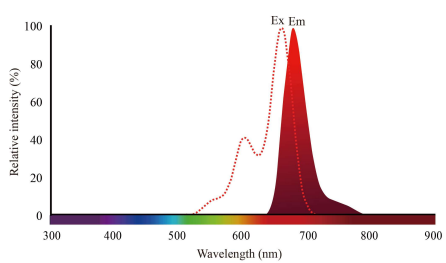
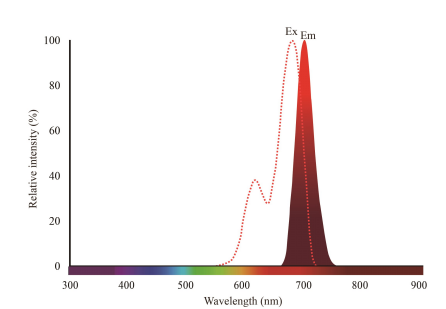
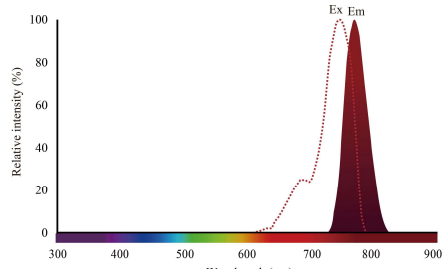
Catalog No.	Name	Size	Color	Abs <sub>max</sub> /Em (nm)	Extinction coefficient(ε)	MW
YH0011	YF <sup>®</sup> 488(5) free acid	5 mg	Orange	490/513	76,000	736.9
YH0002	YF <sup>®</sup> 488(6) free acid	5 mg	Orange	491/512	76,000	736.9
YH0010	YF <sup>®</sup> 532 free acid	5 mg	Red	523/545	81,000	727.9
YH0016	YF <sup>®</sup> 555 free acid	5 mg	Red	550/561	150,000	1081.4
YH0004	YF <sup>®</sup> 568 free acid	5 mg	Red	573/595	88,000	795.2
YH0008	YF <sup>®</sup> 594 free acid	5 mg	Purplish red	585/609	92,000	824.0
YH0006	YF <sup>®</sup> 640 free acid	5 mg	Blue	641/658	105,000	1049.4
YH0015	YF <sup>®</sup> 647A free acid	5 mg	Blue	648/664	240,000	1162.6
YH0017	YF <sup>®</sup> 647C free acid	5 mg	Blue	648/663	240,000	1107.5
YH0007	YF <sup>®</sup> 660 free acid	5 mg	Blue	661/679	100,000	1004.3
YH0003	YF <sup>®</sup> 680 free acid	1 mg	Dark blue	679/700	140,000	1028.3
YH0057	YF <sup>®</sup> 750 free acid	1 mg	Dark green	747/770	250,000	1188.6

Name	Spectrogram (measured by dissolving in water)	Efficiency is equivalent to
YF <sup>®</sup> 488(5) free acid		FITC, Oregon Green 488, FAM, Cy2
YF <sup>®</sup> 488(6) free acid		FITC, Oregon Green 488, FAM, Cy2



<p>YF<sup>®</sup>532 free acid</p>		<p>Alexa Fluor 532, Atto 532</p>
<p>YF<sup>®</sup>555 free acid</p>		<p>Alexa Fluor 555, Cy3, Tetramethylrhodamine</p>
<p>YF<sup>®</sup>568 free acid</p>		<p>Alexa Fluor 568, Lissamine rhodamine B, ROX</p>
<p>YF<sup>®</sup>594 free acid</p>		<p>Alexa Fluor 594, Texas Red Dye, Cy3, DyLight 594</p>
<p>YF<sup>®</sup>640 free acid</p>		<p>Alexa Fluor 647, Cy5, ATTO 647</p>



YF <sup>®</sup> 647A free acid		Alexa Fluor 647, Cy5, DyLight 649
YF <sup>®</sup> 647C free acid		Alexa Fluor 647, Cy5, DyLight 649
YF <sup>®</sup> 660 free acid		CF <sup>®</sup> 660R
YF <sup>®</sup> 680 free acid		Alexa Fluor 680, Cy5.5, IR Dye 680
YF <sup>®</sup> 750 free acid		Andy Fluor 750, Cy7, DyLight 750

## Storage

Store at -20°C and protect from light. Expiration date marked on the outer packing.

## Description

YF<sup>®</sup> dye is a new generation of rhodamine cyanine dyes. Compared with other fluorescent dyes, it has comprehensive advantages in brightness, light stability and water solubility. Our





company provides different dye wavelengths for selection.

avoid light to slow down fluorescence quenching.

## Notes

1. Fluorescent dyes have quenching problems. Please try to

2. For your safety and health, please wear experimental clothes and disposable gloves.

