Cyanine 5-UTP (enhanced)

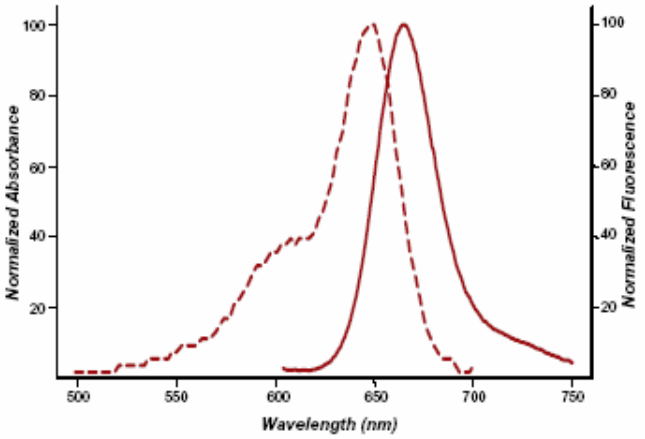
Cyanine 5-UTP (Enhanced) can replace UTP as a substrate for T7 RNA polymerase in labeling systems that generate labeled probes through *in vitro* transcription. Probes generated by these methods are suitable for multicolor fluorescence analysis, specifically dual-color expression arrays in conjunction with cyanine 3-UTP.

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ENZ-42506	250nmol

Manuals, SDS & CofA View Online »


Normalized Absorbance
Normalized Fluorescence
100
80
60
40
20
500
550
600
650
700
750
Wavelength (nm)

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least one year after receipt when stored as recommended.
Handling	Protect from light. Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Cyanine 5-uridine-5’-triphosphate (enhanced)
Appearance	Blue liquid.
Concentration	10mM
Emission Maximum	665 nm
Excitation Maximum	650 nm
Extinction Coefficient	250,000 M-1 cm-1 (650 nm in TE [10 mM TRIS, pH 8.0, 1 mM EDTA])
Formulation	Liquid. Solution in water.
Purity	≥93% (HPLC)
Purity Detail	Purified by ion-exchange chromatography.
Technical Info / Product Notes	Several of Enzo’s products and product applications are covered by US and foreign patents and patents pending.

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