Cyanine 3-UTP (enhanced)

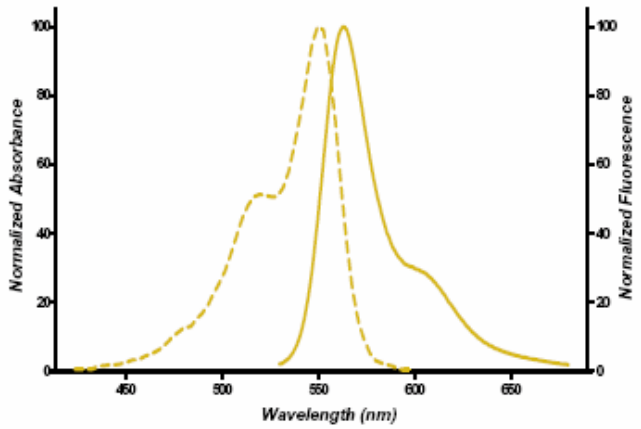
Cyanine 3-UTP (Enhanced) can replace UTP as a substrate for T7 RNA polymerase in labeling systems that generate labeled probes through *in vitro* transcription. Probes generated by these methods are suitable for multicolor fluorescence analysis, specifically dual-color expression arrays in conjunction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

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ENZ-42505	250nmol

Manuals, SDS & CofA View Online »


Normalized Absorbance
Normalized Fluorescence
Wavelength (nm)
0
20
40
60
80
100
450
500
550
600
650

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 3-uridine-5’-triphosphate (enhanced)
Appearance	Dark pink liquid.
Concentration	10mM
Emission Maximum	564 nm
Excitation Maximum	550 nm
Extinction Coefficient	150,000 M-1 cm-1 (550 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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