

## Eosin Y Solution Use Protocol

### Overview:

Eosin Y (EY) is a photosensitizer with a peak absorbance of 510nm, but reacts with bright white light when used in conjunction with triethanolamine (TEA) and 1-vinyl-2 pyrrolidinone (NVP), which allow successful crosslink initiation using visible light instead of UV light.

### Included in the Kit:

- OkaGel liquid at the required concentration
- 2 mM eosin Y disodium salt
- 20% w/v triethanolamine (TEA)
- 35uM 1-vinyl-2 pyrrolidinone (NVP)

### Protocol:

1. Add 10ul of each of the 3 provided stock solutions per 1 ml of OkaGel solution 2. Mix well and use immediately.

Note: the added volumes of the stock solutions can be changed according to your own application.