

Research Use Only. Not for use in diagnostic procedures.

## Opal™ 540 Reagent Pack (FP1494001KT)

## Material Provided

- Opal 540 Reagent, 1 vial
- Dimethyl sulfoxide, 1 x 100 uL

Please note that Opal 540 Reagent is provided dry. DMSO has been included to reconstitute this dye. Please follow the protocol provided below.

## Product Information

<b>Protocol</b>	<ol style="list-style-type: none"><li>1. Dissolve the Opal 540 Reagent in 75 uL of DMSO</li><li>2. Carefully dispense DMSO along the sides of the vial several times to dissolve any Opal Reagent that might coat the sides of the vial. <i>Minimize bubbles while mixing.</i></li></ol>
<b>Storage</b>	Store dry reagent in the dark at -20 °C. Upon reconstituting in DMSO, store in the dark at 4°C.
<b>Stability</b>	See label on outside of box for expiration date
<b>Safety Note</b>	DMSO is classified as hazardous and combustible. It is strongly recommended to wear disposable gloves and safety glasses while working with the items in this kit. Thorough washing of hands after handling is also recommended.
<b>Quality Control</b>	We certify that QC results of these reagents meet our quality release criteria.

### Opal Fluorophore Working Solution

Before each procedure, dilute Opal Fluorophore in 1X Amplification Diluent to make Opal Fluorophore Working Solution. The following dilution ratios are recommended:

- 1:100 for manual kits
- 1:150 for automated kits

Generally, 100-300 µL of Opal Working Solution is required per slide. Discard any unused portion of Opal Working Solution.

## Troubleshooting

### Technical Support Resources

- **Email:** [global.techsupport@perkinelmer.com](mailto:global.techsupport@perkinelmer.com)
- **Telephone**
  - **USA toll-free** **800-762-4000**
  - **EU toll-free** **00800 33 29 0000**
  - **China toll-free** **800 820 5046**
  - **Local contact numbers:** <http://www.perkinelmer.com/corporate/locations>

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