

3Dyes 2D CY_{anine} labeling Kits

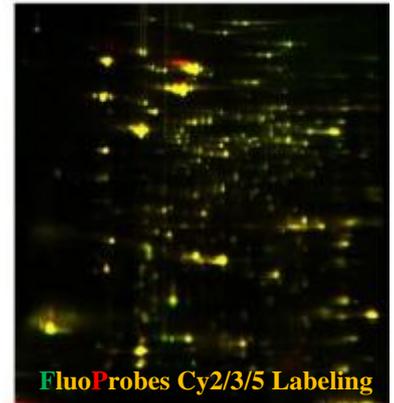
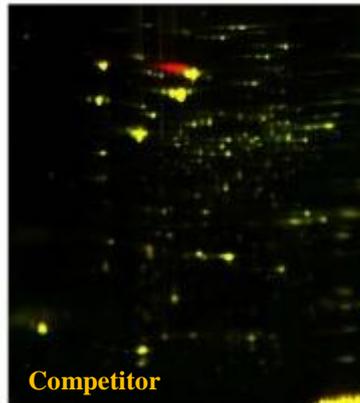
Here is your Cy2/3/5 fluor labeling Kit for differential proteomics analysis !

The kit includes 3 fluorescent labeling agents (Cy5, Cy3, Cy2) for reproducible labeling of protein samples before differential analysis, such as 2D Gel Electrophoresis. The structures of the dyes were designed to match both molecular weight and ionic charges after labeling. The labeling levels of the 3 dyes are equalized for optimal labeling balance. Each kit contains exactly equal amounts of dye activated esters for greater reproducibility of labeling different samples in different experiments. As a result, protein gel-mobility is independent of the dye.

Cy2 dye is preferably used as internal control. The kit is compatible with all imagers capable of detection of Cy2, Cy3, and Cy5 fluorophores, and all major 2D image analysis software. The labeled gels can be subsequently be analyzed by mass-spectrometry after protein spots picking.

Performance evaluation

Two lysates of different *Helicobacter Pylori* strains were analyzed using competitor dyes (left panel) and labeling kit #EV0870 (right panel), and imaged by GE Healthcare Typhoon 9410 imager, showing same profil but stronger labeling using FluoProbes dyes.



Get all the advantages of our 2D DIGE Kits, including:

- Higher sensitivity
- Low price - analyze up to ten times more samples within your budget!
- No need to change any equipment - the kits work perfectly with all imagers suitable for CyDyes™
- No need to change any protocol - the kits are perfectly compatible with GE Healthcare Ettan DIGE system
- The dyes are lyophilized - longer shelf life of the kits. Add dimethylformamide before use.
- High purity, labeling grade dimethylformamide included.

Ordering information:

3Dye Cy2/3/5 Labeling Kit

ref. **EV0870**, 5 nmol (10-15 gels) **EV0871**, 10 nmol (20-30 gels) [Prices](#) and [technical sheet](#) on line

EV0872, 25 nmol (40-60 gels)

Each kit contains: Cy5, Cy3 and Cy2 dyes activated esters,
Dimethylformamide for the labeling

Interchim: FluoProbes®
GE: Cy®, CyDyes™

Related products/documents

Electrophoresis reagents: **Gels and buffers** (acrylamides, loading buffer, buffers, MW,...);
Protein gels stains ([CooBlue](#), [SilverStain](#), [LavaPurple](#), [Lumitein](#))

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Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at interbiotech@interchim.com

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