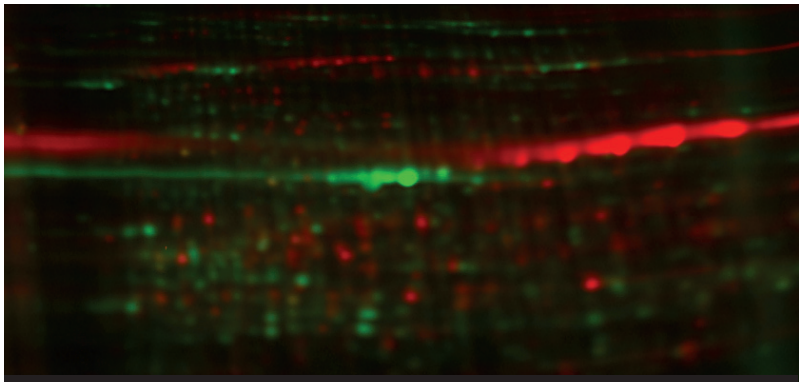
NH DyeAGNOSTICS

NEW PRODUCT RELEASE

Saturn-2D™ REDOX

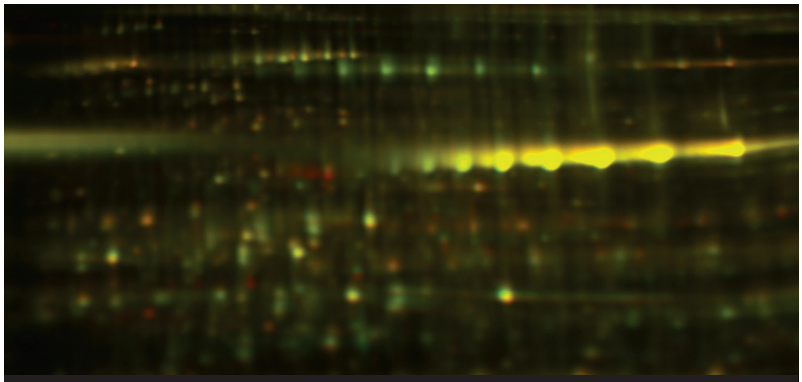
Stress response at a glance

Stress response is manifested in multiple shifts in the proteome by oxidation of Cys residues. The new Saturn-2D™ REDOX protein labeling kit perfectly illustrates changes within the complex redox interaction network. Due to specially designed Cys-interacting compounds differences in the redox status can be easily displayed, leading to dramatic time savings for further mass spec analysis.



Spot matching without Saturn-2D™ REDOX technology

Fig 1. 2D gel analysis using traditional multiplex-fluorescence labeling kits. Unequal binding of dyes to Cys-residues to reduced and oxidized proteins leads to inconsistent spot matching.



Spot matching with Saturn-2D™ REDOX technology

Fig. 2. 2D gel analysis using Saturn-2D™ REDOX technology with perfect spot matching.

100% Made in Germany

Saturn-2D™ REDOX

Kit content

- S-Dye200 – high performance fluorescence dye
- S-Dye300 – high performance fluorescence dye
- S-Dye solvent
- S-Dye low retention tips
- S-Dye low retention tubes
- Cys-blocking compound
- Cys-blocking compound solvent
- Chromatography columns
- Chromatography matrix
- Redox labeling buffer
- Redox stop solution
- ddH_2O, sterile
- TCEP

Product & ordering information

Prod. No.	Description	Kit size	Price
PR34	Saturn-2D™ REDOX Protein Labeling Kit	8S	980.00 €
PR35	Saturn-2D™ REDOX Protein Labeling Kit	12S	1,380.00 €

For further information please contact

NH DyeAGNOSTICS GmbH
Fon: +49 (0) 345-2799 6413
Fax: +49 (0) 345-2799 6412
Email: sales@dyeagnostics.com