



SERVA Lightning Sci5 lyophilized

SERVA Lightning Sci5 is a Cyanine5 NHS ester for minimal labelling and maximum detection of proteins prior to protein detection in 2D Fluorescence Difference Gel Electrophoresis (DIGE). Minimal labelling with SERVA Lightning Sci2, Sci3 and Sci5 allows for the precise comparison of protein expression in two or three samples. The dyes are charge- and size-matched enabling high efficient detection and high resolution of minor proteins on 2D gel electrophoresis. SERVA Lightning Sci5 is compatible with all imagers suitable for detection of Cy5[®]. Gels labelled with SERVA Lightning SciDyes are ready for subsequent mass spectrometry analysis.

Each vial contains specified amount of NHS ester with a tolerance variation of 10 %.

Spectral properties:

Fluorescence colour	Red
Excitation maximum	645 nm
Exmission maximum	660 nm

Cy5[®] = trademark of GE Healthcare Company

HS: 38229000

Storage Temperature: -15 °C to -25 °C