

Genaxxon BioScience

SensoFluor

High sensitive silver staining kit,
compatible with protein identification by MS

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Product	Cat#	Package size
SensoFluor staining kit	M3031.0001	1 L
SensoFluor staining kit	M3031.0004	4 L

Product description

SensoFluor is a ready-to-use MS compatible fluorescent staining solution which was specially developed and optimised for high sensitive staining of protein spots and bands from 2DE and SDS-PAGE for subsequent protein identification analysis by mass spectrometry.

By SensoFluor proteins are detected down to low nanogram range with a linear quantification range up to microgram range (ca. 3 orders of magnitude). SensoFluor is MS-compatible because it does not covalently modify proteins. Due to SensoFluor's compatibility to subsequent MS analysis of protein spots it is not longer necessary to prepare an additional micro-preparative Coomassie Blue stained 2DE gel for protein identification which contain a multiple amount of sample used for fluorescent staining.

➔ Weak protein spots only visible by SensoFluor staining are accessible to protein identification.

SensoFluor's application is easy and results in cost reduction and saving of time together with significantly improved sensitivity in protein identification from 2DE gels and SDS-PAGE.

Properties and handling

- Ready-to-use fluorescent staining solution
- High sensitivity down to nanograms
- Excitation: \approx 300 nm to \approx 470 nm
- Emission: above 600 nm
- 1 L SensoFluor solution is enough for staining of 30 small gels (about 8 x 7 cm²)
- Fixing step
- Washing step
- Staining with SensoFluor
- Destain to remove excess stain
- Digitalisation or scanning by fluorescent imager

Storage and Shelf life

Store at RT. Solutions will not degrade. Shelf-life about 3 years.

