

FireRuth

Ready-to-use fluorescent staining solution for protein gels

FireRuth is an high-sensitive ready-to-use fluorescent staining solution for protein gels like 2D electrophoresis and SDS-PAGE gels. It has distinct advantages over Coomassie Blue and silver staining for detection of proteins or total proteomes. FireRuth stain detects proteins in the low nanogram range with a linear quantification range extending over three orders of magnitude. FireRuth is compatible to subsequent protein identification by MS methods.

FireRuth

- Ready-to-use fluorescent staining solution
- Sensitivity down to nanogram
- Excitation: ~ 300 nm and ~470 nm
- Emission: above 600 nm
- 1L FireRuth is enough for staining of 30 small gels

How FireRuth works

- Fix the gel
- Wash the gel
- Staining with FireRuth
- Destain to remove excess stain
- Digitalisation or scanning by fluorescent imager

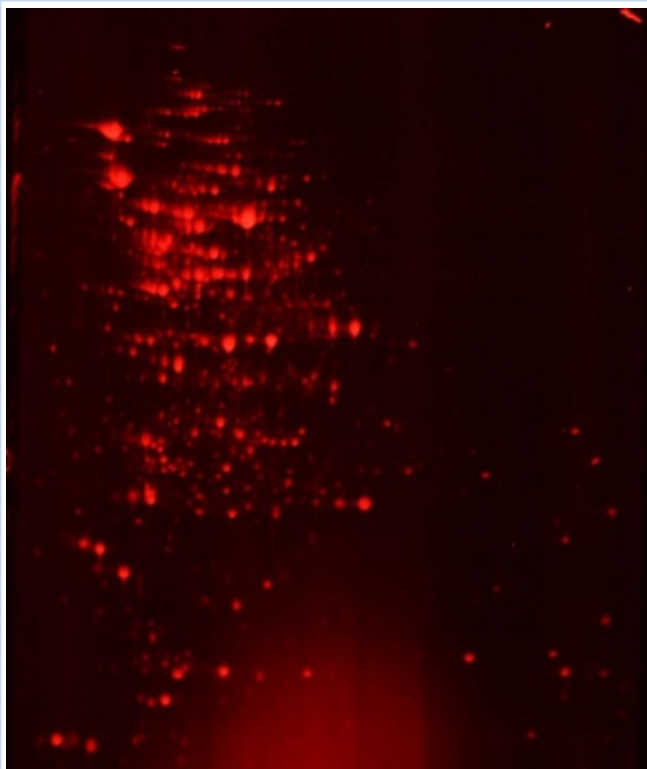


Figure 1



133 66 33 16 8 4 2 1

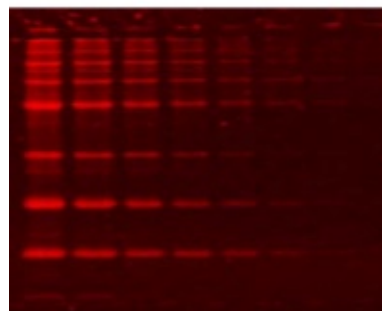


Figure 2

Fig. 1: 2D electrophoresis gel (23x30 cm) of 150µg E.coli protein stained by FireRuth

Fig. 2: SDS-PAGE with dilution series of MW standard proteins down to low nanogram protein

Product No.	Product name	Price (Net price)
P-S-3001	FireRuth Ready-to-use staining solution, 1L	120 EURO
P-S-3005	FireRuth Ready-to-use staining solution, 4L	395 EURO