

**Catalogue number:** G00PB005

**Product name:** ProBlue Safe Stain Concentrated 10X

# Technical Specifications

Rev. date: 04/2023

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Date

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Quantity

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Batch number

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**DESCRIPTION:** ProBlue Safe Stain 10X is a concentrated product. It must be diluted 1:10 with water before use in order to obtain 1X ProBlue Safe Stain. ProBlue Safe Stain is non hazardous, coomassie based solution for staining proteins on polyacrylamide gels. ProBlue Safe Stain does not require addition of methanol and acetic acid for destaining and produces blue bands on a clear background.

**ADVANTAGES:**

- staining in aqueous solution (no special handling or fume hood are required)
- bands are already visible while gel is being stained
- no solvent waste problems

**USAGE:** Detailed ProBlue safe staining procedure:

- Rinse the gel with deionized water (the gel has to be completely covered by the water) and heat in a microwave oven for about 2 minutes. Discard the water.
- Pour ProBlue Safe Stain solution on the gel until the gel is completely covered and heat in the microwave for up to 2 min and discard the ProBlue.
- Rinse the gel with deionized water (the gel has to be completely covered by the water) and heat in the microwave for 2 minutes.
- Discard the water and repeat the last step to reach the desired background color.

**STORAGE :** Long term storage: 4°C. Short term storage: Room Temperature. Quality is guaranteed for 12 months.

**FOR RESEARCH USE ONLY.**

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**Giotto Biotech S.r.l.**

Via Madonna del Piano, 6 info@giottobiotech.com  
50019 - Sesto Fiorentino phone (39) 055 457 4258  
(Firenze) - ITALY phone (39) 055 457 4237  
www.giottobiotech.com