

Life Diagnostics, Inc.

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Mono PEGylated BSA ***(PEGylated with 5 kDa mPEG maleimide)***

Catalog No.	PBSA-02
Analysis	SDS PAGE & HPLC
Purity	≥90%
Concentration	200 - 1000 µg/ml (Assuming an extinction coefficient of 0.632 at 280 nm for a 1 mg/ml solution and path length of 1 cm).
Buffer	150 mM NaCl, 10 sodium phosphate, 0.1% NaN ₃ , (pH 7.2)
Storage	-20°C (Safe for shipping at 2-8°C)
Comments	<p>Prepared by conjugation of mPEG-maleimide (5 kDa) to native BSA followed by gel-filtration chromatography to remove free PEG and unconjugated BSA.</p> <p>BSA contains a single maleimide-reactive thiol at Cys-34. Reaction of BSA with mPEG-maleimide therefore results in the covalent attachment a single PEG molecule per molecule of BSA.</p>

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