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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION

BSA Control for BSA-Fatty Acid Complexes (1 mM)

Item No. 34932

Supplied as: 0.17 mM BSA in 150 mM sodium chloride, pH 7.4
Storage: -20°C; avoid freeze/thaw cycles by aliquoting protein
Stability: ≥1 year
Item Origin: Animal/Bovine

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

BSA control for BSA-fatty acid complexes (1 mM) is a fatty acid-free preparation of BSA intended for use as a control for BSA-fatty acid complexes containing 1 mM fatty acid (Item Nos. 34931 | 34933). It can be used as a control for experiments using BSA-fatty acid complexes to deliver fatty acids to cells in culture for the purpose of monitoring fatty acid oxidation or similar processes in various cellular metabolic studies.[1-3] The BSA/BSA-FAs are acceptable for use with short-term cell culture applications (acute treatment to 18 hours), however, for long-term applications (25+ hours) the product can/should be filter sterilized using a 0.2 µm filter and sterile receptacle without affecting the performance.

References

1. Alsabeeh, N., Chausse, B., Kakimoto, P.A., *et al*. Cell culture models of fatty acid overload: Problems and solutions. *Biochim. Biophys. Acta. Mol. Cell Biol. Lipids* **1863(2)**, 143-151 (2018).
2. Wang, D., Green, M.F., McDonnell, E., *et al*. Oxygen flux analysis to understand the biological function of sirtuins. *Methods Mol. Biol.* **1077**, 241-258 (2013).
3. Pardo, V., Gonzáez-Rodríquez, Á., Guijas, C., *et al*. Opposite cross-talk by oleate and palmitate on insulin signaling in hepatocytes through macrophage activation. *J. Biol. Chem.* **290(18)**, 11663-11677 (2015).

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