

Product Information

6% SigMatrix Serum Diluent

D5322

Storage temperature: 2-8 °C

Synonym: 6% SigMatrix Synthetic Serum

Description

This reagent is a 6% recombinant HSA (Human Serum Albumin) in PBS solution, pH 7.4, that can be used as a blank or matrix/diluent for proteinaceous analytes in LC-MS/MS calibrators, controls, or samples. The 6% protein content design is meant to mimic endogenous protein concentration in human serum samples. Beneficially, as the HSA source is recombinant, the matrix should not contain any measurable contaminants typically found in even stripped serum.

Components

The product contains 6% recombinant human serum albumin in a PBS solution containing 0.01% ProClin™ 950 as a preservative.

Precautions and Disclaimer

For R&D use only. Not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

This solution is provided ready to use as a 6% (w/v) Recombinant Human Serum Albumin in Phosphate Buffered Saline, pH 7.4. This formulation has been shown to be appropriate for use as a sample diluent or matrix for preparing calibrants/controls for LC-MS/MS assays.

Storage/Stability

6% SigMatrix should be stored at 2–8 °C. Solutions prepared using this reagent should not be used beyond the expiration date on the original packaging. If buffer becomes cloudy or discolored, discontinue use and discard.

Notice

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

The information in this document is subject to change without notice and should not be construed as a commitment by the manufacturing or selling entity, or an affiliate. We assume no responsibility for any errors that may appear in this document.

Technical Assistance

Visit the tech service page at SigmaAldrich.com/techservice.

Standard Warranty

The applicable warranty for the products listed in this publication may be found at SigmaAldrich.com/terms.

Contact Information

For the location of the office nearest you, go to SigmaAldrich.com/offices.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

Merck and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

© 2022 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

D5322pis Rev 06/22