Stereospecific Detection Technologies
Reagents beyond the chemistry

SDT GmbH • Pascalstraße 17
52499 Baesweiler • Germany
www.sdt-reagents.de

Product Specification

Product Name: **Universal Casein Diluent/Blocker, biotin-free, enhanced**

Code: **#UCDB-E**

Lot Number: 533783

Storage: +2°C/+8°C (recommended), protect from light

Expiration date: 09/2026

Appearance:
Transparent - to - opalescent white/yellowish colloidal liquid, 0.2/0.45µm filterable. Color and opacity of the product may vary and do not correlate with performance.

Odour: Weak, characteristic

(Phospho)protein content: 1,375% (w/v, process-determined)

pH: 7,2 - 7,4

Preservative/anti-microbial: 5-Bromo-5-nitro-1,3-dioxane, 625 ppm

Country of origin of the raw material: USA

QC release (ELISA-based blocking/boosting activity use test and biotin control): Passed

Note:
This product is for in vitro research or further IVD manufacturing use only
We recommend using UCDB per se, modifications as e.g. further diluting, etc. are not recommended.

Ready-to-use biotin free reagent applicable for blocking ELISA plates / membranes, diluting complex specimens and diverse detection reagents/conjugates including high performance and ultrasensitive biotin-streptavidin systems. Effectively eliminates NSB in ELISA, blotting, ICT and IHC applications.