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**

Product Code: **#UCDB**

Lot Number: 684592

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

Expiration date: 05/2029

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

Odour: Weak, characteristic

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

pH: 7,2 - 7,4

Preservative/biocide: 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.